

DX News

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Volume 60, No. 15 - February 1, 1993 (ISSN 0737-1659)



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CPC Test Calendar

Call	Freq	Date	EST Time
KOFI	1180	Feb. 1, 1993	0400-0500
WMUS	1090	Feb. 5, 1993	0400-0430
WANM	1070	Feb. 6, 1993	1200-1230
KLEE	1480	Feb. 7, 1993	0100-0200
KAAM	1310	Feb. 8, 1993	0200-0400
WWCC	1590	Feb. 13, 1993	1200-1230
KVOX	1280	Feb. 13, 1993	0300-0310
WSMI	1540	Feb. 24, 1993	0100-0110
WWJZ	640	Mar. 1, 1993	0000-?
KGWA	960	Mar. 1, 1993	0300-0400
WVCH	740	Mar. 8, 1993	0230-0330
WERK	990	Mar. 13, 1993	0400-0430

WMUS-1090 - 3565 Green St. - Norton Shores, MI 49441 will conduct a DX test Friday morning February 5 from 4:00-4:30 am EST. The test will include c&w music, voice and Morse code ID's. Reports may be sent to Chris Roberts, vice-president/engineer. Arranged by the National Radio Club CPC.

KAAM-1310 - P. O. Box 870183 - Dallas, TX 75287 will conduct a DX test between 2:00 and 4:00 am EST Monday, Feb. 8. The test will include Morse code, and reception reports may be sent to Mr. Hue Beavers, Chief Engineer. Arranged by J. D. Stephens for the IRCA CPC.

WWCC-1590 - P. O. Box 1104 - Honesdale, PA will conduct a DX test between 12:00 and 12:30 am EST Saturday, Feb. 13. The test will include Morse code and tones. From 12:00 to 12:15 am, the power will be 500 watts, and from 12:15 to 12:30 am, the full power of 2.5 kW will be used. Reception reports may be sent to Mr. John Duda (KB3ZW), Chief Engineer. Arranged by J. D. Stephens for the IRCA CPC.

KVOX-1280 - P. O. Box 97 - Moorhead, MN 56561 will conduct a DX test between 3:00 and 3:10 am EST Saturday, Feb. 13. The test will include Morse code, tones, and voice ID's. Reception reports may be sent to Mr. Art Walker, Operations Manager. Arranged by J. D. Stephens for the IRCA CPC.

WWJZ-640 - P. O. Box 81 - Mt. Holly, NJ 08060 will conduct a DX test on Monday morning, March 1, from midnight to whenever using the day power of 50 kW. The test will include tones, big band music, and march music. Reports may be sent to Mike Mathiewce, Chief Engineer. Arranged by Ted Schoeber and Dave Schmidt.

(Details for other tests listed above were in previous

or will be listed in future DXN's.)

From the Publisher ... The 6th Annual Winter SWL Festival will be held in Kulp'sville, PA again, on Feb 18-21 at the Holiday Inn on Summeytown Pike. This meeting, although not an official ANARC function, will be attended by ANARC and other clubs, including the NRC, ably represented by Dave Schmidt.

Forum topics include items of interest to beginners and the experienced, from SWL to CCB, and the grand door prize will be a JRC NRD-535.

For more information, write to Winter SWL Festival - P. O. Box 591 - Colmar, PA 18915, and listen to the ANARC SWLnet on 7.240 LSB at 10 AM Sundays for up-to-the-minute information.

Welcome to these new members ... John W. Erdner, Washington, PA; Gyorgy G. Polcz, M. D., Muncie, IN; David W. Hershey, Nanjemoy, MD; Jean Pierre Béland, St. Caunt, Quebec; Terry A. Ward, KB7NTP, Bellevue, WA; Elliot R. Straus, Toms River, NJ; V. Skokandic, Mira Leste, CA; Glenn Swiderski, AA7FC, Buffalo, WY; David Knowlton, N7SNY; W. Paul Trouten, Santa Clara, CA; Leslie Wood, North Merrick, LI, NY; Thomas C. Calabria, D. D. S., Paoli, PA; John D. Hathaway, Sr., Champaign, IL; David M. Dunn, Columbus, OH; and Bernoacco Silvio, Torino, Italy. Welcome all!

DX Time Machine

From the pages of DX News:

50 years ago ... from the Jan. 23, 1943 DXN: A list of all Cuban and Mexican stations was printed, courtesy of Francis Gmeiner, Windsor, ON. Editor Ray Edge was DX'ing on a 6-tube Grunow until his Scott got back from Chicago where it was sent for alignment. From the January 30, 1943 DXN: Bill Gabriel Jr., Lakewood, OH reported that CKMO-1410 sent him a nice letter verie and a purple-and-black card making him a member of the Midnight Prowlers. A list of the BCB stations in Colombia was published.

25 years ago ... from the January 27, 1968 DXN: Paul Kilroy, Washington, DC, logged PRF5-960 from São Paulo, Brazil at 0353 on 1-16.

10 years ago ... from the January 31, 1983 DXN: Skip Arey announced the startup of a photocopied newsletter for owners of R390, R390A, and R392 receivers ... Gerry Thomas published an article on ICF-6500W selectivity modification.

Domestic DX Digest

North: Bill Hale

495 Creekview Drive - Meridian, ID 83642-3241

South: Duncan Shaw

3131 S. McClintock B111 - Los Angeles, CA 90007

East: Dave Braun

11 Mill Bend Acres - Wyoming, DE 19934-9523



DX Catches in the U. S. and Canada, with 24-hr. ELT

DDXD North

- Welcome to new reporters **Todd Skaine** of Minneapolis, **John Rieger** from Milwaukee, and **Don Moore** of Davenport. Good to hear from you guys. Welcome aboard the DDXD-N wagon. And don't be a stranger here, any more!
- **Gray Springcours** passes along some of his regulars, that by his own admission aren't terrific, but may help some others ID the stations. Included therein are a few Log updaters. He also comments that, although not perfect, ELT is best.
- Now I see a loose light, hi. What next?

SPECIAL



- 730 **CHYR7 ON** **Leamington** - Seems to be playing *Musical Frequencies* lately at night. Some nights it's on 730, others it's on 710. I assume they're having technical problems. Seems I remember them doing this a few years ago, also. (RF-OH) [And maybe they're getting ready to close down the AM transmitters, since their FM is on and ready to take over - Ed.]

UNIDs and UNID HELP

- 540 **UNID ??** - 1/8 (no time) - With C&W music, IDs as *South 106*. Fair until lost under the Mexican. (DHM-IA) [Help is on its way!! The new Log says you heard WSTH Columbus, GA. Format and slogan match 100%. Thanks, Log - Ed.]
- 830 **R. Paradise** **St. Kitts - DE-PQ's** UNID in 12/28 DX News sounds a lot like this, which is owned by *Trinity Broadcasting*. Heard here several times with similar fire & brimstone preaching. (DHM-IA)
- 1450 **UNID ??** - 1/10 2205-2225 - With TTs and ID: *Transponder 19, Channel 17*. In/out, but good signal at end. (FTS-MN) [After thinking about this for awhile, you might have heard a harmonic or subharmonic from some technical types at your channel 17 doing some satellite uplink or downlink work? Good luck - Ed.]

DX AND EQUIPMENT TESTS

- 540 **KNAK UT** **Delta** - 1/4 0207-0230 - CIDs heard. Poor reception. CBK off at 0210 as usual. UNID audio with music underneath. XEWA not heard. (DM-AB)
- 1020 **WNTK NH** **New London** - 1/4 0300-0330 - Heard here faintly with frequent CIDs. No VIDs. Thru KDKA and CFRB-1010 splatter. (TK-ON) ... Fair → poor under KDKA. Never heard any TTs or VIDs as they used CIDs during the whole test. Signal level too low to hear VIDs if there were any. (JL-OH) ... CIDs only heard under KDKA and unid Latin. Made NH easier than I expected at this new QTH! (DHM-IA)
- 1280 **KEAN TX** **Abilene** - 1/4 0330-0400 - Not heard in a jumble of 5 or 6 stations. (JL-OH) ... Tried for this, but nothing heard. (DHM-IA)

MIDNIGHT TO 0800 HOURS ELT

- 690 **WPDQ FL** **Jacksonville** - 1/1 0306 - Fair with jingle and sports talk. (JJR-WI)
- 810 **KCHG TX** **Somerset** - 1/2 0759 - Weak & poor with *Good News Radio* slogan and full ID. (JJR-WI)
- 910 **WLLJ MI** **Cassopolis** - 1/2 0753 - Fair with UC music and *AM 910 WLLJ* over others. (JJR-WI)
- 1060 **WKNG GA** **Tallapoosa** - 1/3 0720 - In and out quickly in mess {w "o/WKNG"}. Poor. (JJR-WI) [Bracketed text as sent. Kinda unclear - Ed.]
- 1210 **WKNX MI** **Frankenmuth** - 12/26 0740-0800 - Fair → good, really chewing up WOGL, with SS program consisting mostly of Christmas music. No legal EE ID at top of hour, but heard ad for a New Year's Eve party at the *Tropicana Banquet Hall* in Bridgeport, MI. (MB-ON)
- 1230 **WTIV PA** **Titusville** - 12/30 0740 - Noted *AM 1230 WTIV*, 20 minutes from 8 O'Clock in GY junk, then lost to semi-local pest WECK. (MB-ON)
- 1360 **WHBG VA** **Bridgewater** - 1/9 0711-0713 - With weather and two IDs. Briefly over mess. (DHM-IA)
- 1400 **WRDB WI** **Reedsburg** - 1/2 0059 - In pileup with ID. New, for WI #31. (RF-OH)

0800 TO 1600 HOURS ELT

- 810 **KTBI WA** **Ephrata** - 1/5 1330 - Fair signal days with REL format. IDs with mention of being || KTBN-FM (correct? on 101.3. (GS-BC) [Dunno. My (13th Edition) *FM Atlas* shows no 101.3 in Ephrata. *Broadcasting Yearbook* (again a 2-year-old version) says that KTBI's FM is on 95.9. Then *FM Atlas* says the 95.9 is *KULE*, but a footnote proclaims "KULE seeks 92.3". Maybe someone from that neck of the woods can help. I don't hear KTBI here - Ed.]
- 820 **KGW WA** **Burien - Seattle** - Another local-like signal days. IDs as *Christian Radio*. (GS-BC)
- 880 **KIXI WA** **Mercer Island** - Loud here days with old MoR called *Memories*. Is Mor referred to only as EZL these days? (GS-BC) [*Old MoR* as you call it can now probably be called Easy Listening. You hear a lot of what was on the *Top 40* in the 50s and 60s on *Memories*-type stations. It's difficult to sort them out - Ed.]
- 1090 **KAJK CA** **Fortuna** - 1/9 1109 - Ad for shoe store ... at *12th and Main Streets in Fortuna* → C&W music. Slogan *AM 1090 K-Jack*. [Ed.-ID]
- 1110 **KJTT WA** **Oak Harbor** - A local for Victoria. Plays old pops and IDs as *K-Jet*. Lots of Whidbey Island local news. (GS-BC)
- 1180 **KERI CA** **Wasco** - 1/9 1041 - Faded in from nothing to good in 5 seconds. Children's REL programming called *Sunshine Club House* ... ending story called *Greg The Grasshopper* followed at 1043 by promo for *Focus on the Family* on *Family Talk Radio KERI* → *Weekend Focus* at 1045. A Bakersfield mention or two, also. [Ed.-ID]
- 1200 **WCHB MI** **Taylor** - 12/25 0830-0845 - Fair over mess that included WAGE and CFGO (among others) with local news, Christmas greetings from general manager of *Bell Broadcasting Co.*, IDs as *WCHB News-Talk Radio* and *WCHB, the voice of progress in Detroit*. Call-in show with female host talking about caller's most memorable Christmas. (MB-ON)
- 1230 **WBVP PA** **Beaver Falls** - 12/31 0805 - Fair → poor in WECK null with local news with many mentions of Beaver County. 0809 ID anncet: *WBVP Newstime is 8:09* → sports. (MB-ON)
- 1240 **WCEM MD** **Cambridge** - 12/28 0800-0805 - Poor in graveyard junk with CJCS nulled. With ABC news, into local news *From the WCEM newsroom*. (MB-ON)
- 1250 **KKFX WA** **Seattle** - 1/9 - IDing on the hour as *KKFX Seattle* and often as *K-Fox*. Not yet using the *KKDZ* CLs per *AM Switch*. (GS-BC)
- 1400 **KITZ WA** **Silverdale** - Often fairly good days and at LSS. IDs as *Kitsap County Radio, Silverdale - Bremerton*. Carries *MBS News*. (GS-BC)
- 1570 **KSRB AR** **Hardy** - 1/11 0801-0802 - With local ads and ID briefly on top of graveyard-like mess. (DHM-IA)

1600 TO 2400 HOURS ELT

- 730 **KSUD** AR West Memphis - 1/1 1850 - Poor, but clear with promo for upcoming BKB game. Cont(Chr format. Over others. Station #2025 heard! (JJR-WI)
- WLIL** TN Lenoir City - 12/27 2120 - Under CKAC with ID boasting about *Clear Channel 730* and . . . *serving five states*. Into SPT broadcast. New for TN #50. Pest CHYR7 was on 710 this night. (RF-OH)
- 940 **KIOA** IA Des Moines - 12/21 1806 - Fair over CBM with *More music* . . . *KIOA All-Oldies* jingle into *It's Too Late* by Carole King. (MB-ON)
- 970 **WDAY** ND Fargo - 12/27 2246 - Mostly atop with ad for furniture store in Fargo, ad for *North Dakota Dairy Farmers*, ID → TLK. New for ND #4. (RF-OH)
- 1030 **KTWO** WY Casper - 1/10 2122 - Fair with WBZ looped, with C&W. 2125 PSA from Wyoming State Government, KTWO ID and MST TC. 2126 C&W. Totally unexpected, as I think their night pattern is due west, and looping WBZ should just about null KTWO also . . . GO FIGURE! First time heard since 1973. (RF-OH)
- 1230 **KWYZ** WA Everett - Dominates 1230 at LSS. Lots of ads for businesses north of Seattle. On *Country Gold Network*. (GS-BC)
- 1260 **KOIT** CA San Francisco - 1/5 2000 - Clear with Bay Area news. (GS-BC)
- 1300 **KWCK** AR Searcy - 12/23 1757-1806 - On top with ID, news, ads, weather. (DHM-IA)
- 1320 **WQIK** FL Jacksonville - 1/3 1820 - With C&W music & 99 *WQIK* IDs. Fair and strong over other station. Ex: WVOJ. (JJR-WI)
- WJAS** PA Pittsburgh - 12/21 1745-1751 - Fair in KMAQ null with Christmas music and ID. (DHM-IA)
- 1360 **WMOB** AL Mobile - 12/21 1712-1717 - With end of REL program and ID. (DHM-IA)
- WMNS** NY Olean - 12/22 1759 - Fair over usually dominant WIXZ and WSAI with local weather, then ID *You can depend on the Talk of the Valley*, 1360 *WMNS Olean* into CBS's *The World Tonight* news with Doug Poling. (MB-ON)
- 1390 **WEED** NC Rocky Mount - 12/21 1825-1827 - Caught three IDs with announcements amid heavy QRM. (DHM-IA)
- 1400 **WSJM** MI St. Joseph - 1/3 2233 - Briefly atop with OLD, 14 *WSJM* ID. New for MI #71. (RF-OH)
- 1410 **WLTV** AL Mobile - 12/21 1828-1830 - With call ID, *Love 1410* slogan, REL program. Fair amid QRM. (DHM-IA)
- 1440 **KITA** AR Little Rock - 12/21 1854-1855 - Fair with ID and slogan *Giving you the best in great gospel sounds*. (DHM-IA)
- 1460 **KARR** WA Kirkland - 1/6 1853-1900 - Family Radio with REL music, then ID as *KARR Kirkland - Seattle 1460*. (GS-BC)
- 1490 **KVAC** WA Forks - 1/5 1849-1855 - Loud w/local ads and C&W music. (GS-BC)
- 1540 **KBLV** WA Bellevue - 1/5 1920 (LSS) - Loud with Country Gold Network. IDs as *KBLV AM 1540*. (GS-BC)
- 1600 **KGST** CA Fresno - 1/6 1903 - Heard with SS (several times at LSS). (GS-BC)

HARMONICS

KXTY 8.00 AM
KPKI 1.00 AM
113 East Georgia
Gunnison, CO 81230

- 2220 **WKDZ** KY Cadiz - 12/30 0709-0720 - Fair with local ads, KY Network sports, ID. (2 x 1110) (DHM-IA)
- 2460 **WANO** KY Pineville - 12/31 0606-0614 - Good with local news, ads, ID. (2 x 1230) (DHM-IA)
- 2480 **WWZQ** MS Aberdeen - 12/29 0720-0740 - With local ads. IDs as *ZQ 105 & mentions of 103.5 FM*. Great signal this morning. Heard poor → fair many evenings and mornings since. (DHM-IA)
- 2660 **KDOK** TX Tyler - 1/8 0658-0705 - Poor with NOS music, ID, news. My 1st Texas harmonic. (DHM-IA)
- 2720 **WMOB** AL Mobile - 12/31 0645-0649 - Good with ID, weather, C&W music. This one put out a strong harmonic for several weeks two or three years ago. (2 x 1360) (DHM-IA)

- 2740 **WABD** KY Fort Campbell - 12/31 0715-0730 - Very strong and clear with ROK music, ads and IDs as *Power Hits 1370*, *WABD*. (2 x 1370) (DHM-IA)
- 2800 **KWLA** LA Many - 12/30 0732-0808 - Poor with Louisiana news, ads, C&W music. Heard as uNID, but tape revealed several mentions of *Many* (pronounced man-ny) in the ads. No ID heard. (2 x 1400) (DHM-IA)
- 2900 **WDXR** KY Paducah - 1/6 0623-0625 - Poor with ROK music, then ID as *WDXR-FM, 94.3 FM, 1450 AM*. (2 x 1450) (DHM-IA)
- 2920 **WBUC** WV Buckhannon - 1/6 0635-0640 - Fair with C&W music, ads, ID. Heard several times from Michigan 1989-1991 in Michigan. (2 x 1460) (DHM-IA)
- 2940 **KTCB** MO Malden - 12/31 0745-0820 - Fair with C&W music, state & local news, local ads. No ID heard, but several mentions of area towns & counties. (2 x 1470) (DHM-IA)

REPORTERS

- FTS-MN** Todd Skaine Minneapolis, MN; ICF-2010
- TK-ON** Tim Kerfoot Toronto, ON;
- JJR-WI** John J. Rieger Milwaukee, WI; Panasonic RF-2200
- MB-ON** Mike Brooker Toronto, ON; Panasonic RF-2200, Sony ICF-7600D
- DM-AB** Deane McIntyre Calgary, AB;
- RF-OH** Rich Frcho Willoughby, OH; Drake R8, JRC NRD-515, LA-36 loop, lw
- GS-BC** Gray Scrimgeour Victoria, BC;
- DHM-IA** Don Moore Davenport, IA; R-5000, ICF-2010 + 400' mini-beverage, 150' lw, RW loop
- Ed-ID** Editor Meridian, ID;

ABBREVIATIONS AND SPECIAL SYMBOLS USED IN DDXD - North

||:parallel with or to →:into :00:on the hour AC:Adult contemporary AP:Associated Press
BBD:big band BRN:Business Radio Net C&W:country & western CHR:contemporary hit radio
CID:code ID CL:call letter ContChr:contemporary Christian EZL:easy listening EE:English
FF:French GOS:gospel IRN:Interstate Radio Net LSR:local sunrise LSS:local sunset
NBA:National Basketball Assn NHL:National Hockey League NFL:National Football League
NPR:National Public Radio OC:open carrier POL:political PSRA:pre-sunrise authority
PSSA:post-sunset authority QRM:man-made interference QRN:natural interference QTH:location
REL:religious ROK:rock 'n' roll RS:regular schedule \$:stereo SID:singing ID SRS:sunrise skip
SS:Spanish SSB:Star Spangled Banner SSS:sunset skip TC:time check TT:test tones UC:urban
contemporary UPI:United Press International

1030 KTWO RADIO

150 NORTH NICHOLS
CASPER, WYOMING 82601



73. Bill

DDXD-South

BITS AND PIECES

Mike Sanburn writes "In v60n6 I listed KEY-1400 Provo UT... Correct call letters should read KSRR." Thanks for the WQXR/WQEW coverage maps, Mike!

Welcome to new reporter Greg Hardison of Encino, CA. His loggings are from "incredible daytime conditions" on 1/6 around Noon local. Darn it. Why do I have to work and go to class days, hi! Also welcome to new reporter Chris Knight of Longmont, CO. Nice to have you aboard the DDXD-S wagon!

Thanks also to Laurence Kearley of Ontario, Canada, making a trip to sunny Florida and reporting his loggings here.

I am currently looking for a GE Superadio II. I can't seem to find one around here or from mail-order companies (they all have the III, though). If you have a tip let me know, or if you find one on closeout, I will pay costs plus postage. Thanks.

Please sort your loggings into these sections in frequency order. It makes my work a lot easier. Once again, please note the new address - 2618 Ellendale #3. I am, however, picking up any mail sent to the old address. Phone calls are welcome from 1700 - 2100 ELT (2:00 - 6:00 Pacific) at (213) 740-1487. E-mail contributions are accepted THROUGH JANUARY 31 ONLY at dshaw@aludra.usc.edu.

DX & EQUIPMENT TESTS

- 540 **KNAK** UT DELTA - 1/4 0206-0237 Test heard well through local KJQI with code and voice IDs. Ex-KDLT for me (MS-CA)

920 KDES CA PALM SPRINGS - 1/11 0400-0430 Strong w/OLD by Elvis and others. Plenty of code and voice IDs. (MS-CA)
 1150 KCKY AZ COOLIDGE - 1/11 0435 Repeated code IDs at 0435/0454/0459. Sign off annot at 0501. (MS-CA)
 1260 ?KFGQ IA BOONE - 1/4 0205 heard a 1 kHz tone being switched on and off. KFGQ has a frequency check listed at this time. Help! (MS-CA)

unID's AND unID HELP

810 unID 1/6 1451 sounded like male EE, under KGO looped just east of KGO. KSWW-NM and XERSV both SS. KTB1? (GH-CA)
 830 unID 1/6 1453 EE Religious talk; fair under semi-local KPLS. KFLT-AZ, or KNCO-CA? (KNCO is regular NWS/TLK -djs) (GH-CA)

0000 - 0800 ELT

1200 CHMG AB ST. ALBERT - 12/28 0145 good o/WOAI w/ "Country Coast to Coast" and "MG-1200" IDs, local ads. (CK-CO)
 1240 KALY NM ALBUQUERQUE - 1/2 0000 SS, full station ID in SS, slogan "Radio Cali" into "Radio Centro Noticias." (CK-CO)
 1260 WIBV IL BELLEVUE - 12/28 0133 Very good w/ad for "Legal Bankruptcy Kit" available by writing to WIBV, ID, address. (CK-CO)
 1270 KTFI ID TWIN FALLS - 1/4 0600 Legal ID: "KTFI Twin Falls" through KEAZ QRM. (MS-CA)
 1370 KXTL MT BUTTE - 1/4 0635 Decent level with Talknet. QRM from KWRM, KPCC. KEEN is apparently silent (it is - djs). (MS-CA)

0800 - 1600 ELT

620 KGW OR PORTLAND - 1/6 1430 Instrumental Jazz, almost equal to KIGS in PP -- one GREAT music station, //KINK-101.9 (GH-CA)
 650 KMTI UT MANTI - 1/6 1434 Ad mentions of Manti, just over KSTE with Talk -- both signals fair in KFI splat. (GH-CA)
 670 KBOI ID BOISE - 1/6 1436 Easily heard with CLS, AC in local KWNK null. (GH-CA)
 700 KQKE CA SOLEDAD - 1/6 1437 C&W in KMPC null (KMPC's 50 kW xmtr is literally about 5 miles down the street from my home QTH!) (GH-CA)
 740 KCBS CA SAN FRANCISCO - 1/6 1444 fair w/nx under KBRT, almost on top of KBRT in their null. KBRT's San Fernando Valley listeners were no doubt complaining! (GH-CA)
 750 KXL OR PORTLAND - 1/6 1447 Fair with Limbaugh; weak C&W under -- presumed either KOAL or KERR. (GH-CA)
 780 KROW NV RENO - 1/6 1448 Good with female C&W vocal; no null needed for local KABC-790. (GH-CA)
 860 KLZX UT SALT LAKE CITY - 1/4 1010 Good through XEMO with "Z-93" IDs and rock music by Doors, Stones, & John Cougar Mellencamp. (MS-CA)
 950 KAH1 CA AUBURN - 1/6 1455 with C&W on top of weak flutter. Several others underneath, none decipherable. (GH-CA)
 960 K1AD OR KLAMATH FALLS - 1/6 1542 heard signal equal to usual KZXY. "...right here on Klamath country, K1AD" out of station promo. Xlnt signal for distance, 5 kW. (GH-CA)
 1000 KOMO WA SEATTLE - 1/6 1455 Traffic report for I-405 (not L.A.'s version, hi), then spot for Albertson's Grocery. Called the station; CE was out to lunch. Receptionist somewhat amazed. Good signal, on top of KCEO. (GH-CA)
 1030 KJDJ CA SAN LUIS OBISPO - 1/6 1507 TLK atop flutter. Two or three unIDs lurking in the murk... KTNQ splat not helping. (GH-CA)
 1120 KPNW OR EUGENE - 1/6 1510 In with male talk, atop unID religion (KANN?) (GH-CA)
 1160 KSL UT SALT LAKE CITY - 1/6 1517 Talk show, xlnt listenable signal - local K11S-1150 not a factor. (GH-CA)
 1180 KYET AZ WILLIAMS - 1/4 0910 Incredible SRS signal o/KERI w/ spot for Northern Arizona Christian Directory. ID, Wx, "On this Date", and billboard. Excellent! (MS-CA)
 1210 KPRZ CA SAN MARCOS - 1/6 1519 presiding over a mess, incl one other religious (presumed KEER Rocklin), and at least one CW stn - candidates: KONY-UT and KREW-WA. (GH-CA)
 1220 KDFC CA PALO ALTO - 1/6 1522 CLA, equal to usual KTSJ - all under wannabe semi-local KBET. (GH-CA)
 1230 KEXO CO GRAND JUNCTION - 12/27 0845 fair over all w/OLD. ID: "AM 12-30 KEXO". (CK-CO)
 KVOC WY CASPER - 12/27 0900 Legal ID "...news source, KVOC, Casper." in mess. (CK-CO)
 KFVN NM LAS VEGAS - 1/10 0830 good with peaks o/ KVOC, et al. C&W mx, "that was ??? on KFVN Las Vegas, New Mexico. It's 6:30." (CK-CO)
 1240 KDGO CO DURANGO - 1/3 0842 fair peak o/ mess w/ID, into OLD. (CK-CO)

KEVA WY EVANSTON - 1/3 0859 good o/all w/ rock mx, song by Stevie Nicks, ID: "Your information station, KEVA, Evanston", into SNN News (CK-CO)
 1350 KSRO CA SANTA ROSA - 1/6 1527 with talk, under KBID - but stronger than KCKC, 65 miles away. (GH-CA)
 1400 KSRR UT PROVO - 1/3 0820 fair o/u mess w/ad for "Jiffy Lube", another ad, "Call K-Star at 224-1400." (CK-CO)
 KDTA CO DELTA - 1/5 0800 in mess w/ID "1400 AM, KDTA Delta", o/KRLN (CK-CO)
 KRLN CO CANON CITY - 1/5 0800 u/KDTA w/ID at the same time: "14 KRLN" in mess (CK-CO)
 1440 KVON CA NAPA - 1/6 1534 PRESUMED with talk, equal to usual KUHL, with talk as well -- all slightly under KDIF. (GH-CA)
 1530 KFBK CA SACRAMENTO - 1/6 1538 strong with talk - no sign of KHPY. Everything higher in freq strangely dead... see 1570 (GH-CA)
 1570 Nothing 1/6 1541 Unusual, since I normally have a weak SAH of KTGE and KCVR. (GH-CA)

1600 - 2400 ELT

590 WKHX GA ATLANTA - 12/25 2237 C&W with ID as "Real Country, AM 590, Atlanta." Weak with fade. (LK-FL)
 650 WSM TN NASHVILLE - 12/23 2209 Xmas C&W mx, local ads, and call ID. Clear and steady. (LK-FL)
 660 WFAN NY NEW YORK - 12/23 2200 News and wx with call ID. Weak but clear. (LK-FL)
 680 KKYX TX SAN ANTONIO - 12/26 2125 C&W music, local ads and an ID as "880 KKYX AM and FM country". Clear with fade. (LK-FL)
 700 WLW OH CINCINNATI - 12/26 2310 C&W music with local ads and call IDs. Weak but clear. (LK-FL)
 740 WWNZ FL ORLANDO - 12/25 2210 A phone in show with IDs as "Talk 104.1, WWNZ." Strong. (LK-FL)
 750 WSB GA ATLANTA - 12/26 2135 The end of news and into talk show. Strong and clear. (LK-FL)
 780 WBBM IL CHICAGO - 12/23 2145 News with Chicago items, ads, and weather. Strong and clear. (LK-FL)
 840 WHAS KY LOUISVILLE - 12/24 2145 Xmas songs and oldies with call ID. Clear with some fade. (LK-FL)
 850 KOA CO DENVER - 12/24 2217 A "trial" of Santa Claus for some crime! Then news and talk. Clear and strong. (LK-FL)
 870 WWL LA New Orleans - 12/24 2151 C&W mx with local ads and a call ID. Clear. (LK-FL)
 880 WCBS NY NEW YORK - 12/24 2309 News, local news and ads and the weather with several IDs. Strong and clear. (LK-FL)
 890 WLS IL CHICAGO - 12/24 2130 A Xmas talk show with local ads and Chicago mentions. Weak but clear. (LK-FL)
 910 WFNS FL PLANT CITY - 12/26 2207 Carrying the feed from WDBO of the Orlando Magic and Miami Heat basketball game with IDs from both. Strong and clear. (LK-FL)
 960 WERC AL BIRMINGHAM - 12/25 2249 Talk show with a discussion of Santa's progress around the area and local ads. (LK-FL)
 1000 WLUP IL CHICAGO - 12/23 2315 The usual talk show with several Chicago references and several IDs. Clear and steady. (LK-FL)
 1060 WNOE LA NEW ORLEANS - 12/26 2231 C&W mx, ads and wx with ID as "Real Country, WNOE." Some QRM but steady. (LK-FL)
 1080 KRLD TX DALLAS - 12/23 2300 News, TCs, wx and call IDs. Good with QRM. (LK-FL)
 1100 KKLL MO WEBB CITY - 1/10 1820-1830 REL mx. Sign-off at 1830. New for me. (WH-CO)
 WWWK OH CLEVELAND - 12/24 2227 Local and world news items, wx, ads and call ID. Weak but steady. (LK-FL)
 1110 WBT NC CHARLOTTE - 12/26 2242 EZL songs, not news and talk as usual and in log. Strong and steady. (LK-FL)
 1120 KMOX MO ST. LOUIS - 12/25 2307 local talk show with call ID at breaks. Clear and fairly strong. (LK-FL)
 1130 KWKH LA SHREVEPORT - 12/24 2253 C&W songs and local ads. Call IDs every 12 seconds or so!! (even over the songs and ads? - djs) They should all be this considerate. Clear and strong. (LK-FL)
 1200 WOAI TX SAN ANTONIO - 12/26 2251 Spurs BKB on the Spurs Basketball Network with net IDs. Clear and Steady. (LK-FL)
 1230 KLAV NV LAS VEGAS - 12/21 2058 caught end of talk show w/ "Governor Miller", ment. Las Vegas. Faded out but came up for Legal ID "KLAV, Las Vegas." Fair in mess. (CK-CO)
 1240 KSLV CO MONTE VISTA - 1/1 2200 in mess w/ID "...KSLV AM 12-40." (CK-CO)

- 1260 KOIT CA **SAN FRANCISCO** - 1/2 1940 Mostly dominant with local KGIL silent! Simulcasts FM w/"Koit 96.5" IDs. (MS-CA)
 KPOW WY **POWELL** - 1/3 2030 Clear signal with song "I Was Born Country". Many IDs. Previously only heard at SRS. Battling w/KOIT-XEMW-XESA. (MS-CA)
 KFGQ IA **BOONE** - 1/10 Noted w/REL 1810 to 1815 sign-off. Rarely heard at SSS. (WH-CO)
 1320 KELO SD **SIOUX FALLS** - 1/10 1807 Tuned in to a variety of contest and station promos. This one really makes it here. (WH-CO)
 1340 KCQL NM **AZTEC** - 1/6 2359 good o/all w/ end of OLD song, "13-40 KCQL Aztec-Farmington", into nx, "All oldies all the time, Cool 13-40" jingle (CK-CO)
 KQIL CO **GRAND JUNCTION** - 1/5 2200 above mess w/ID: "KQIL, Grand Junction. It's now 8:00", into news. (CK-CO)
 1460 KKPR NE **KEARNY** - 1/9 2315 good w/ad for "Will Kit", ID over all. Not bad for 56 watts! (CK-CO)
 1500 WTOP DC **WASHINGTON** - 12/24 2301 Local, national and international news with frequent call IDs. Strong with QRM. (LK-FL)
 1530 WCKY OH **CINCINNATI** - 12/24 2313 Talk show with local ads and call ID. Clear with fade. (LK-FL)

REPORTERS
 (MS-CA) Mike Sanburn; Bellflower, CA; GE Superadio II & III
 (WH-CO) Wayne Heinen; Aurora, CO; R-390A w/4' loop and Kiwa MAP unit
 (CK-CO) Chris Knight (N01JK); Longmont, CO; Kenwood R-100, GE Superadio III, Sanserino loop
 (GH-CA) Greg Hardison; Encino, CA; GE Superadio II
 (LK-FL) Laurence Kearley; Orleans, Ontario DXing at St. Petersburg, Florida; Sony ICF-SW1



DDXD-East

NEWS AND VIEWS

Some good regional openings were noticed here this past week, to the south at sunset on 1/14, into New England that evening and to the SW (Virginia, mostly) the morning of 1/16.

A couple of notes on the two Dover AMs: WDOV-1410 still has a BBD show on Saturday evenings, otherwise all CNN news with some local breaks during drive times. WKEN-1600 is now OLD, live when I take the time to check, and still carries Rush Limbaugh in the afternoons.

DX TESTS

- 1020 WNTK NH **Newport** - 1/4 0303-0329 Entire program in slow morse code. Moderate KDKA QRM. (HH-MD)
 1100 KNZZ CO **Grand Junction** - 12/14 0500-0600 Not much on test. Some definite code IDs at 0511 and tentative code and test tones at 0527. 3WE just too much. (EU-NY)
 1360 WLYN MA **Lynn** - 10/26 0330-0406 Thru jumble of stations. Voice copied time to time and code IDs easily copied. (HH-MD)

0000 to 0800 ELT

- 1280 WWOK IN **Evansville** - 12/14 0259 Nice clear ID over WADO, "Great songs and great memories on your station for the unforgettable hits, WWOK, Evansville." (EU-NY)
 1300 WJDA MA **Quincy** - 12/23 0629 Fair on peaks with Ralph(?) weather forecast and temperature checks for area towns. (EU-NY)
 1330 WBTM VA **Danville** - 1/16 0759 Weak in WASA null with ID at top of hour. (DB-DE)
 1350 WRNY NY **Rome** - 1/6 0559 After music, announcement of "WRNY Rome-Utica and WADR?" then into news. WADR is 1480 in nearby Remsen, NY. (JB-MA)
 WSLR OH **Akron** - 1/7 0550-0610 CW music then "Your home for the best country music, WSLR." Ohio and local news at 0600. At 0609 several mentions of "Whistler 1350" and "Whistler Country." Was as loud as a local at times. (JB-MA)
 WBSK VA **Portsmouth** - 1/5 0549 Was in a jumble but came up loud and clear with "WBSK 1350 and 107.7?" then into weather forecast. Also heard on 1/11 at 0555. (JB-MA)
 1360 WBOB VA **Galax** - 1/16 0751 Good with high school basketball results, OLD music. (DB-DE)
 1370 WXXI NY **Rochester** - 12/14 0205 Surfaced briefly with promo for something featuring Ernie Bauer(?), "WXXI-13-70" ID into blues tune. (EU-NY)

0800 to 1600 ELT

- 860 WCCS MA **Great Barrington** - 12/14 1459 Was topping channel with 3 UC tunes then cut out abruptly for ID "...WCCS (then gave presumed FM call letters but couldn't make them out), Great Barrington, Massachusetts, your community's radio station, transmitting from South <fade>." Kinda strange logging. (EU-NY) (AM Log has this as WSBS, and WCCS is on 1160 in PA - db)
 910 WSBA PA **York** - 12/14 1526 Good with "9 to 5" show and promo for Super Bowl ticket giveaway. (EU-NY)
 960 WFIR VA **Roanoke** - 12/14 1531 Good with Larry King, local news and weather, promo for Monday Night Football sponsored by Rick Lister(?) Honda. (EU-NY)
 1050 WMSG MD **Oakland** - 1/16 0906 Motel 6 ad, local weather, "I'm Mark (?)", WMSG news, into CW music. (DB-DE)
 1130 WBBR NY **New York** - 1/6 1300-1330 Ex-WNEW with new business radio format. Surprisingly WASP-PA had to be looped out - not usual this time of day. (HH-MD)
 1270 WMPM NC **Smithfield** - 12/23 0851-0917 CW Christmas on "Coffee Time," ads, CBS News, "Today's Obituaries," etc. QRM from WCBC (usually atop channel) plus UNIDS. Reason I tuned here was to look for Dave Schmidt's WMIZ-NJ, no luck so far! (HH-MD)
 1280 WHVR PA **Hanover** - 12/21 1544 In and out under WADO with talk show and promo inviting listeners to call and tell what they want for Christmas. (EU-NY)
 1350 WINY CT **Putnam** - 1/16 0850 On top with ads for pharmacies in Dayville on Route 101 and in Danielson. (DB-DE)

1600 TO 2400 ELT

- 620 WVMT VT **Burlington** - 1/14 2113 Good over all with end of Vermont-Northeastern basketball game, promo for future games. (DB-DE)
 750 WWAX PA **Olyphant** - 12/8 1728 Good with signoff mentioning "Newsradio 750" slogan and SSB. (EU-NY)
 1010 WGUN GA **Atlanta** - 1/11 1726 CW/GOS music, traffic report including I-75, ID into more music. (DB-DE)
 1160 WWCS PA **Homer City** - 12/15 1755-1800 Fair with weather, ads for Indiana (PA) area businesses and ID "This is WCCS Homer City with the music... <fade>." (EU-NY)
 1200 WNSW ME **Brewer** - 12/15 1659 Just caught ID on tape under WSMI with mention of Brewer and another town I couldn't quite copy into CNN news(I think). (EU-NY)
 WSMI NC **Graham** - 12/15 1659 Good with end of Greg Barkman(?) religious program and ID, "...AM 1200 WSMI Graham/Burlington" into ABC news. (EU-NY)
 1310 WSSJ NJ **Camden** - 12/21 1640 Poor with promo for program heard "5 to 6:30 pm daily on WSSJ 13-10 AM." (EU-NY)
 WDKD SC **Kingstree** - 12/21 1705 Very good with end of ABC news, Barry Bradley with "WDKD, WWK(?)" local news sponsored by Kingstree Federal Savings and Loan. (EU-NY)
 1340 WMBO NY **Auburn** - 12/29 2250 Oldies music and weather with WMBO staff meteorologist (?). Fair over and under many others. (JB-MA)
 1410 WING OH **Dayton** - 12/30 2315-2330 Advertisements and CNN Headline Sports with several WING IDs and more advertisements. In very strong at 2330 with WPOP nulled. (JB-MA)
 1420 WACK NY **Newark** - 12/22 1729 Excellent in WBSM null with Fleetwood Mac tune and "Classic Hits WACK" slogan. (EU-NY)
 1440 WLPZ ME **Westbrook** - 12/29 2034 Heard part of announcement saying "when you mention WLPZ, you receive (?) discount at (?). Poor over and under WVEI. (JB-MA)
 WVEI MA **Worcester** - 1/14 2244 Poor but on top with Boston Bruins postgame show, NHL Scoreboard. (DB-DE)
 WRRO OH **Warren** - 12/22 1742-1750 Solid signal with Springsteen and Jackson Browne tunes and WRRO request line phone number as in log. Fairly regular here. (EU-NY)
 1560 WQEW NY **New York** - 12/4 1845-1922 Good signal, pop music, ads, traffic reports, weather, etc. Ex-WQXR. (HH-MD)
 1580 WNZT PA **Columbia** - 1/12 1745 Several mentions of "Conversation 1580 WNZT" including one by Rush Limbaugh, then Rush Limbaugh program. Fair over WLIM. (JB-MA)

REPORTERS

JB-MA Jim Bagge, Springfield, MA: HQ140, Quantum Loop
 HH-MD Hank Holbrook, Dunkirk, MD: Hammarlund SP-600, Colegrove Air Loop
 EU-NY Ed Urzi, Centereach, NY: R-5000, LW or Palomar Loop
 DB-DE Dave Braun, Wyoming, DE: R-2000, Palomar Loop

Graveyard Achievements

Bill Hale
495 Creekview Drive
Meridian, ID 83642-3241

Distance records for stations logged on graveyard frequencies

1340 kHz

Logged from Jan 1, 1960 to Present

Date of Last Update: Nov 20, 1992



WKUL	AL	Cullman	Steve Francis	Alcoa, TN	199
WXOR		Florence	Charles Reh	Leamington, ON	572
WMRK		Selma	Joe Kureth	Uniontown, MD	740
WFEB		Sylacauga	Robert Kramer	Chicago, IL	607
AFRN	AK	Fl. Yukon	Frank Merrill	Nenana, AK	177
KIKO	AZ	Miami	Dave Holten	Spokane, WA	1041
KPGE		Page	Rick Carr	Bloomington, IL	1231
KENT		Prescott	Don Kaskey	Sacramento, CA	562
KBTA	AR	Batesville	Wayne Heinen	Colorado Springs, CO	754
KZNG		Hot Springs	Wayne Heinen	Colorado Springs	718
KBRS		Springdale	Charles Reh	Leamington	736
KATA	CA	Arcata	Richard E. Wood	Hilo, HI	2361
KWXY		Cathedral City	Gene Allen	Vallejo, CA	440
KMAK		Fresno	Richard E. Wood	Hilo	2452
KDOL		Mojave	Gene Allen	Vallejo	311
KSFE		Needles	Mike Sanburn	Bellflower, CA	216
KORV		Oroville	Frank Merrill	Nenana	2052
KATY		San Luis Obispo	Frank Merrill	Nenana	2344
KIST		Santa Barbara	Doug Lamerson	Makapu'u Point, HI	2473
KOMY		Watsonville	Doug Lamerson	Kane'ohe, HI	2424
KDEN	CO	Denver	Esa Hänninen	Lemmenjoki, Finland	4537
KQIL		Grand Junction	Olle Alm	Abisko, Sweden	4535
KVRH		Salida	John Wilkins	Wheat Ridge, CO	97
WNHC	CT	New Haven	Niel Wolfish	Toronto, ON	365
WOOK	DC	Washington	Andy Rugg	Montreal, PQ	489
WTAN	FL	Clearwater	Alan Imprescia	New York, NY	1012
WWFL		Clermont	Shawn Axelrod	Orlando, FL	20
WROD		Daytona Beach	Andy Rugg	Montreal	1197
WTYS		Marianna	Ernie Wesolowski	Omaha, NE	939
WPBR		Palm Beach	Ernie Cooper	Provincetown, MA	1202
WFSH		Valparaiso	Steve Francis	Alcoa	393
WGAU	GA	Athens	Russ Edmunds	Parsippany, NJ	691
WIGO		Atlanta	Russ Edmunds	Little Silver, NJ	736
WBBQ		Augusta	Don Lynch	Lynn, MA	861
WGAA		Cedartown	Steve Francis	Alcoa	143
WOKS		Columbus	Charles Reh	Leamington	675
WALH		Mountain City	Steve Francis	Alcoa	86
WTIF		Tifton	Steve Francis	Alcoa	299
KSKI	ID	Hailey	Gene Allen	Vallejo	558
KSGR		Nampa	Esa Hänninen	Lemmenjoki	4441
WSOY	IL	Decatur	Charles Reh	Leamington	363
WJPF		Herrin	Shawn Axelrod	Winnipeg, MB	950
WJOL		Joliet	Esa Hänninen		4114
WBIW	IN	Bedford	Mike Jeziorski	Detroit, MI	309
WTRC		Elkhart	George Santulli	Cranford, NJ	605
WLBC		Muncie	Carl Dabelstein	Lincoln, NE	599
KROS	IA	Clinton	Shawn Axelrod	Winnipeg	676
KFKF	KS	Kansas City	Esa Hänninen	Lemmenjoki	4396
KSEI		Pittsburg	Jeff Falconer	Clinton, ON	814
WCMI	KY	Ashland	Joe Fela	Newark, NJ	477
WBGH		Bowling Green	Carl Dabelstein	Omaha	587
WNBS		Murray	George Santulli	Cranford	820
WEKY		Richmond	Chris Lucas	Fairfield, CT	635
KVOB	LA	Bastrop	Rick Carr	Austin, TX	390
KRMD		Shreveport	Frank Wheeler	Erie, PA	1006

WFAU ME Augusta
WDME Dover-Foxcroft
WGAU Gardner
WHOU Houlton
WGAU MA Gardner
WNBH New Bedford
WBRK Pittsfield
WLEW MI Bad Axe
WLAV Grand Rapids

WCSR Hillsdale
WMTE Manistee
WAGN Menominee
WWPZ Petosky
WEXL Royal Oak
KQBR Brainerd
KDLM Detroit Lakes
WEVE Eveleth
KROC Rochester
KWLM Willmar

KXEO MO Mexico
KLID Poplar Bluff
KSMO Salem
KICK Springfield
KCAP MT Helena
KPRK Livingston
KYLT Missoula
KHUB NE Fremont
KGFV Kearney
KSID Sidney
KRAM NV Las Vegas
KBET Reno
WDNR NH Hanover
WMID NJ Atlantic City
KNDE NM Aztec
KCEM Farmington
KSIL Silver City
KKIT Taos
WMBO NY Auburn
WENT Gloversville
WKSN Jamestown
WUSJ Lockport
WMSA Massena
WALL Middletown
WIRY Plattsburg
WOOW NC Greenville
WJRI Lenoir
WTSB Lumberton
WGNI Wilmington
WAIR Winston-Salem
KPOK ND Bowman
KDLM Devils Lake
KXPO Grafton
WNCO OH Ashland
WQUB Athens
WIZE Springfield
WSTV Steubenville
KIHV OK Hugo
KOCY Oklahoma City
KTOW Sand Springs
KWVR OR Enterprise
KIHR Hood River
KBBR North Bend
WCVI PA Conneltsville
WSAJ Grove City
WKRZ Oil City
WHAT Philadelphia
WRAW Reading
WTRN Tyrone

Chris Lucas
Don Voorhies
Ron Musco
Don Lynch
Don Lynch
Christian DeHaes
Tim Kerfoot
Morris Sorensen
Bruce Conti
Shawn Axelrod
Niel Wolfish
George Santulli
Mike Csorbay
Russ Edmunds
Shawn Axelrod
Chris Lucas
Jerry Starr
Andy Rugg
Morris Sorensen
Jeff Tynan
Niel Wolfish
Shawn Axelrod
Andy Rugg
Charles Reh
Rich Eddie
Charles Reh
Frank Merrill
Forest Osborn
MB DXPedition*
Charles Reh
Charles Reh
Shawn Axelrod
Frank Merrill
Roy Millar
Rich Eddie
Esa Hänninen
Roy Millar
Tim Hall
Robert Wien
Robert Wien
Esa Hänninen
William Townshend
Andy Rugg
Carl Dabelstein
Christian DeHaes
Tim Kerfoot
Esa Hänninen
Frank Merrill
Don Lynch
Russ Edmunds
Andy Rugg
Andy Rugg
Wayne Heinen
Shawn Axelrod
Rick Carr
Steve Francis
Charles Reh
Shawn Axelrod
Steve Francis
Charles Reh
Niel Wolfish
Karl Jeter
Esa Hänninen
Esa Hänninen
Richard E. Wood
Andy Rugg
Frank Merrill
Don Lynch
John Buehler
John Buehler
Don Trelford

Fairfield 280
Oswego, NY 381
Hartford, CT 55
Lynn 298
Lynn 51
Chicoutimi, PQ 466
Weston, ON 320
Emsdale, ON 215
West Warwick, RI 763
Winnipeg (Tie) 763
Winnipeg, MB (Tie) 763
Cranford 575
Canfield, ON 336
Parsippany 743
Winnipeg 692
Fairfield 525
Hubbard, OH 760
Waterloo, ON 775
Leaf Rapids, MB 710
Parker, CO 705
Winnipeg 366
Winnipeg (Tie) 366
Montreal 1018
Leamington 552
St. Louis, MO 92
Leamington 659
Nenana 1861
Hooker, OK 775
Ames, MB 818
Leamington 714
Leamington 858
Winnipeg 648
Nenana 2407
Marysville, WA 555
St. Louis 1000
Lemmenjoki 3961
Marysville 1037
San Diego, CA 577
San Jose, CA 830
San Jose 900
Lemmenjoki 3786
Washington, DC 314
Montreal 360
Lincoln 932
Chicoutimi 303
Weston 320
Lemmenjoki 3653
Toledo, OH 537
Lynn 723
Syracuse, NY 605
Montreal 811
Montreal 731
Colorado Springs 513
Winnipeg 127
Austin 1250
Alcoa 359
Leamington 190
Winnipeg 949
Alcoa 363
Leamington 893
Winnipeg 1001
Atlanta, GA 875
Lemmenjoki 4325
Lemmenjoki 4354
Hilo 2445
Montreal 480
Holland, OH 195
Lynn 454
Toledo, OH 470
Toledo 415
Scarborough, ON 397

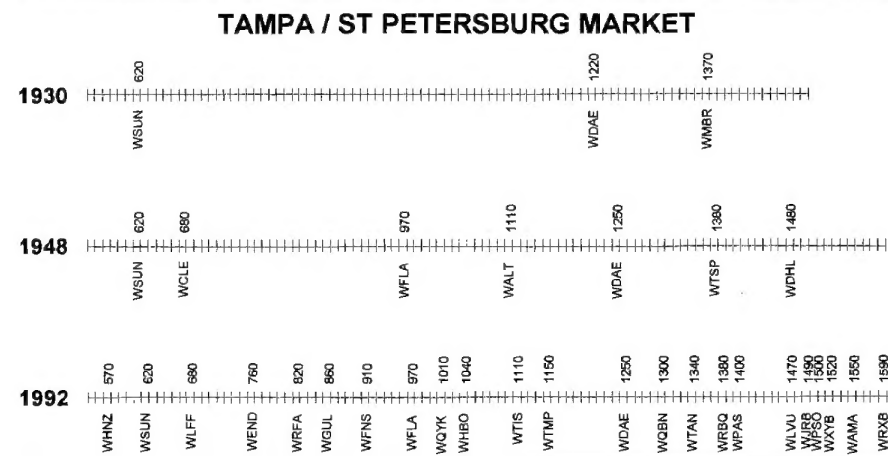
12					
WKRZ		Wilkes-Barre	Charles Reh	Leamington	351
WWPA		Williamsport	MB DXPedition*	Ames	1150
WOKE	SC	Charleston	Don Lynch	Boston, MA	815
WRHI		Rock Hill	Joe Kureth	Uniontown	385
WSSC		Sumter	Russ Edmunds	Little Silver	558
KIJV	SD	Huron	Frank Merrill	Milan, MI	757
KTOQ		Rapid City	Esa Hänninen	Lemmenjoki	4220
WBAC	TN	Cleveland	Mike Jeziorski	Brookfield, IL	487
WCRM		Columbia	Dave Yocis	Fairfield, CT	840
WGRV		Greeneville	Mike Jeziorski	Brookfield	473
WGN		Knoxville	Roy Millar	Marysville	2138
WLOK		Memphis	George Santulli	Cranford	950
WCDT		Winchester	Charles Reh	Leamington	510
KWKE	TX	Abilene	Brett Hanavan	Chula Vista, CA	1009
KHLD		Burnet	Carl Dabelstein	Lincoln	704
KAND		Corsicana	Frank Wheeler	Erie	1139
KSET		El Paso	John Wilkins	West Des Moines, IA	974
KDUB		Lubbock	Roy Millar	Marysville	1439
KRBA		Lufkin	Carl Dabelstein	Lincoln	865
KPDN		Pampa	Roy Millar	Marysville	1375
KOLE		Port Arthur	Alan Imprescia	New York	1396
KTEO		San Angelo	Wayne Heinen	Colorado Springs	564
KVIC		Victoria	Carl Dabelstein	Lincoln	830
KTMP	UT	Heber City	Shawn Axelrod	Winnipeg	911
KMTI		Manti	Gene Nix	Billings, MT	485
WVNR	VT	Poultney	Don Voorhies	Oswego	188
WTWN		St. Johnsbury	Tim Kerfoot	Weston	360
WKEY	VA	Covington	Shawn Axelrod	Winnipeg	1231
WHAP		Hopewell	Mike Csorbay	Canfield	416
WJMA		Orange	Tim Kerfoot	Weston	400
WBLB		Pulaski	Steve Francis	Alcoa	195
KAGT	WA	Anacortes	John Campbell	Mainagen, Norway	4042
KSMK		Kennewick	Don Kaskey	Sacramento	545
KAPA		Raymond	Tim Hall	Vancouver, BC	180
KWWW		Wenatchee	Nancy Hardy	Aberdeen, WA	173
WOKE	WV	Charleston	Tim Kerfoot	Weston	780
WHAR		Clarksburg	Don Lynch	Lynn	533
WEPM		Martinsburg	Neil Kazaross	Pawtucket, RI	385
WMON		Montgomery	Rodney Valdron	Petit Rocher, NB	1030
WXEE		Weich	Jeff Kosnett	Charleston, WV	80
WLDY	WI	Ladysmith	Joe Kureth	Uniontown	810
WRIT		Milwaukee	Joe Fela	Newark, NJ	724
KSGT	WY	Jackson Hole	Robert Kramer	Chicago	1177
KYCN		Wheatland	Gene Allen	Vallejo	952
KWOR		Worldand	Esa Hänninen	Lemmenjoki	4296
WNOZ	PR	Aguadilla	Cesar Objio	Santo Domingo, DR	180
WSTA	VI	Charlotte Amalie	Tim Hall	Crane Beach, Barbados	499
CFHC1	AB	Barff	Tim Hall	Lake Louise, AB	30
CIBQ		Brooks	Niel Wolfish	Winnipeg	804
			Shawn Axelrod	Winnipeg	(Tie) 604
CJLW1		Grande Centre	Esa Hänninen	Lemmenjoki	3543
CBRY	BC	Alert Bay	Roy Millar	Marysville	298
CHNL2		Ashcroft-Cache Creek	Roy Millar	Marysville	226
CFKC		Creston	Roy Millar	Marysville	208
CKGF		Grand Forks	Roy Millar	Marysville	207
CBUF		Ocean Falls	Roy Millar	Marysville	411
CKCR		Revelstoke	Roy Millar	Marysville	304
CIVH		Vanderhoof	Richard E. Wood	Hilo	3025
CKXX	NF	Comer Brook	Esa Hänninen	Lemmenjoki	3001
CFGB		Happy Valley	Esa Hänninen	Lemmenjoki	3043
CFLW		Wabush	Esa Hänninen	Lemmenjoki	2988
CFYK	NT	Yellowknife	Esa Hänninen	Lemmenjoki	3163
CJLS	NS	Yarmouth	Esa Hänninen	Lemmenjoki	3494
CBON	ON	Chapleau	Tim Hall	Near Chapleau, ON	10
CKNR		Elliot Lake	Don Lynch	Chelmsford	613
CFCH		Hearst	Morris Sorensen	Leaf Rapids	840
CKAR1		Parry Sound	Jeff Falconer	Clinton	141
CKRE		Red Lake	MB DXPedition*	Valhalla Beach, MB	139
CKDK		Woodstock	Rodney Valdron	Petit Rocher	795
CHAD	PQ	Amos	Jeff Falconer	Clinton	381
CJAN		Asbestos	Charles Reh	Leamington	588

CJAF		Cabano	Andy Rugg	Montreal	253
CHRD		Drummondville	Andy Rugg	Montreal	73
CKMG		Maniwaki	Tim Kerfoot	Weston	240
CJQC		Quebec	Charles Reh	Leamington	646
CBGA7		Ste-Anne-des-Monts	Esa Hänninen	Lemmenjoki	3197
CKVT		Temiscaming	MB DXPedition*	Ames	841
CFSL	SK	Weyburn	Carl Dabelstein	Omaha	695
ZBM	BER	Hamilton	Olle Alm	Göteborg, Sweden	3886
XEAA	BCN	Mexicali	Esa Hänninen	Lemmenjoki	5159
XEZE	NAY	Santiago Ixcuintla	Tim Hall	20mi SE of Cabo San Lucas, BCS	277
XECW	SIN	Los Mochis	Esa Hänninen	Lemmenjoki	5524
XEOS	SON	Ciudad Obregon	Tim Hall	Poway, CA	574
R. Uno	CLM	Bogota	Cesar Objio	Santo Domingo	998
BEC48 TAIWAN	Matsu		Frank Merrill	Nenana	4827

* MB DXPedition [Shawn Axelrod, Wayne McRae]

Now and Then John D. Bowker

Dial changes in AM markets, from 1930 to 1948 to 1992



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Radio Roundup

News of radio personalities, of interest to DX'ers

Greetings all: KEZK-590 is now automated during the 0100 to 0700 time frame, bring back live DJs to their lineup. Former sports-talker Jon Sloane (ex-KXOK/KMOX) has been added to the staff ... WINU has switched from 1510 to 880. It has been reported that they have been on the air testing their new night time pattern in anticipation of going full time ... KMOX-1120 has dropped its EZ listening during the overnight hours in favor of the CBS Network's Gil Gross Show ... KMOX no longer carries the Phoenix Cardinals football games. Local listeners just weren't too happy about their former team leaving town ... WGNU-920 has been added to the Sun Radio Network's Affiliate Roster ... WILY-1210 has gone the talk route ... KGNW-1410 is simulcasting KGNV-89.9 in Washington, MO ...

... WNYC-820 is now on 24 hours a day ... Walter Cronkite's 20th Century, a 90 second feature on the CBS Radio Network has been dropped as the belt tightening continues at CBS ... WPAT-930 has announced plans to fine tune their format a bit transitioning from Easy Listening to Soft n' Easy, using more vocals and hits 60's to the present ... Jerry Mathers, of Leave It To Beaver fame, is looking for a fulltime DJ gig. He has been doing fill in work, recently subing for Rick Dees on KIS-FM ... Brent Musburger has signed on to do sports work for the ESPN Radio Network, starting in January ... Famed radio DJ Dan Ingram has just gotten married ... WMBO, in Auburn, NY has been fined by the FCC, for making their taped news sound live. Yep, \$5,000 for misrepresentation ... WLIM-1580's has been honored for his 45 years in broadcasting by the Long Island Radio Broadcasters Association ... KFI has caused a stir, giving the gate to talkshow host Tom Leykis and replacing him with former LA Police Chief Darryl Gates ... Chicago's Radio Hall of Fame, at the Museum of Broadcasting will have a few new inductees November 15th, Casey Kasem, Don Ameche, and J.P. McCarthy ... A new 11-station antenna combiner has been designed for installation atop the Empire State Building ... The Super AM Radio made by Denon to meet the new NRSC AMAX standards has been dubbed the TU-680. At the recent NAB show in New Orleans it created quite a stir. The retail cost of this table radio will be \$699. Portable units are still a while away, as new

Pete Kemp (KZ1Z)

P. O. Box 73

Bethel, CT 06801-0073

low voltage noise blanking chips have to be designed ... The transmitted used by the Army for Radio Recovery in the Homestead area was a Nautel 400, able to deliver between 25 and 400 watts, on variable frequencies, for up to a 30 mile signal radius. It can transmit on any frequency from 1000 to 1620 KHz. The Army currently owns 5 of these units available for immediate deployment at a cost of \$50,000 each. This was the same system used during Desert Storm Operations ... The F.C.C.'s new Emergency Broadcast System's new chief is Dr. Helena Mitchell ... NASDAQ (stock market) is offering radio stations a free stock market report ... A report by Paragon Research indicates that listeners like traffic reports. According to their stats, 96.5% of people in their cars listen to the radio driving to work and 96% listening on the way home ... Doug "Greaseman" Tacht, will be joining the ranks of the networkers, according to the rumor mill. He will be doing an afternoon drive show to balance Howard Stern's morning bandwagon ... Matt Cord has left WDRE to join WMMR in the City of Brotherly Love ... Stan Major has left the Sun Radio Network to join the Independent Broadcasters Network ... WOVV's morningman Brian Christopher is moving on to WTBB in Bonifay, FL ... WMMR's morningman John Debella has added Sportscaster Howard Eskin as co-host for what they claim to be the first sports/rock morning duo ... WFAN's afternoon sportshost Chris "Mad Dog" Russo now syndicating a daily one minute commentary ... WMAL's morning host of many years, Jackson Weaver has passed away at the age of 72, from diabetes complications ... Larry Paul Enterprises offers a "Fanny Pack" for those listeners on the go which has a built-in AM/FM radio. It is to be called "Hiptunes" ... Howard Stern will be back on TV soon, this time on cable tv's E! ... Talk News KGIL is expected to change formats to Big Band Nostalgia when it is sold to Mount Wilson FM Broadcasters ... Morton Downey's radio show in out nation's capitol continues to gain in the ratings ... If you would like to contribute to this column, I may be reached at the address above, via GENIE (P.KEMP3), CompuServe 72376,2557, Prodigy SMHB11A, the FIDO system in the Shortwave, Ham or Broadcasting echo areas, or amateur radio packet, KZ1Z@K1UOL.CT So much for now.

NRD-525 AM AGC Mod 2 ... by Dallas Lankford

Recently I did my AGC mod (remove R104 and jump pins 3 & 4 and jump pins 8 & 9 of IC7) to a very late model NRD-525 and I was surprised to find that the mod in this late model NRD-525 did not perform like the mod I did to Russ' 1987 model NRD-525. In the late model NRD-525 the modified AM FAST release time was slower than for the earlier model NRD-525, and in the late model NRD-525 the modified AM FAST AGC was not as immune to static crash and noise pulse hanging as the modified earlier model NRD-525 had been. This curious situation was traced to what seem to be some production changes in late model NRD-525's. In the late model NRD-525 C77 was 0.47 mF (0.22 mF in the earlier model), and R107 was 22K ohms (10K ohms in the earlier model). The R107 change effects only SSB/CW SLOW release, but the C77 change effects FAST release in all modes; it doubles SSB/CW FAST release and lengthens AM FAST release about 60%. This explains why the mod in the late model NRD-525 was not as immune to static crash and noise pulse hanging as the mod had been in an early model NRD-525: in FAST AGC the modified late model NRD-525 was not releasing as quickly from desensitizing noise spikes. To make matters worse, more extensive listening tests revealed that my original mod has a subtle but annoying defect: in AM mode using the WIDE filter, some distortion is observed on strong AM signals when the AM carrier is tuned to about the center of the filter passband. And finally, more extensive measurements revealed that the SSB/CW AGC was not as well-defined as I had previously concluded. Both the AM and SSB/CW AGC circuits are amplified AGC circuits, and both exhibit variable release times: the release times depend on how far the signal levels drop. For these reasons, I spent several days rethinking possible AGC mods for the NRD-525 and testing my ideas.

If you already did my original mod to your NRD-525, there is a simple change which greatly improves immunity to static crash and noise pulse hanging, and which also eliminates the distortion on strong AM signals when the AM carrier is tuned near the center of the WIDE filter passband. Remove the jumper between pins 3 and 4 of IC7, and install a 100K ohm 1/4 watt resistor between pins 3 and 4 of IC7. A 1/4 watt Radio Shack resistor is suitable for this change, although the leads seem somewhat larger than #24 solid, and so it is somewhat more difficult to attach the ends of the leads to the IC pin tips. There is a slight disadvantage to this solution. The 100K ohm resistor slows the SLOW AM AGC attack time so much that you get momentary distortion when tuning from a weaker signal to a stronger signal using SLOW AM AGC. The SSB/CW AGC performance is not changed from stock by this or the previous mod.

Because I did not like the momentary distortion in SLOW AM AGC when tuning from a weaker to a stronger signal, and because there was also momentary distortion when changing from AGC FAST to AGC SLOW in AM mode, I spent some time peering at the NRD-525 schematic and at the IF PC board, hoping to find a way to make the AM mode FAST and SLOW attack times about equal. At least for this late model NRD-525 there was a wonderfully simple and elegant way to accomplish this. In this late model NRD-525, IC8 has an unused section, pins 3, 4, and 5, and the control pin, pin 5, was joined by a PC board trace to pin 6 of IC8, which in turn was controlled by the AGC FAST control line (to P27-13); see the simplified schematic below. Thus by removing my previous mod entirely, replacing R104 (which had been removed for the previous mod) with a suitable SMD resistor for AM FAST attack, and adding a second resistor (which is switched by IC8 pins 3 and 4 via the AGC FAST control voltage at pin 5 of IC8), the AM attack times for FAST and SLOW can be made more-or-less the same. As with the previous mod, this mod requires no PC board hole drilling or trace cutting, so that you can restore your NRD-525 to original if you are ever inclined to do so.

I spent a lot of time listening with different values for R104, and finally settled on 220K ohms. With a 220K ohm resistor in place of R104 the AM FAST attack time constant is about 140 milliseconds, and the measured AM FAST attack time is about 14 milliseconds for a 10 dB increase in signal level. This puts the attack time constant within the range of values recommended by the classic radio design handbook, Radiootron Designer's Handbook, edited by F. Langford-Smith, and published in at least four editions between 1934 and 1952. According to this source, attack and release time constants between 100 and 500 milliseconds are suitable for AM signals, and the low end of that range is recommended for SW AM signals. Within the range of values I tested, 1K to 220K ohms, the steady state AGC line voltage measured at test point 3 was the same (for a given signal level, for "no signal" up to 100K microvolts input at the antenna terminal) regardless of what value was used in place of R104. In other words, my mod does not change S-meter readings or AGC line voltages from the original.

If your NRD-525 is an early model with 0.22 mF for C77, it is probably not necessary to change C77 to 0.47 mF, 25 or 35 volts, tantalum. But to be on the safe side, you should make that change anyway.

In summary, my NRD-525 AM AGC mod 2 requires that you (1) remove R104, (2) replace R104 with a 220K ohm 1/8 watt surface mount resistor (I bought a package of assorted SMD's from Radio Shack), (3) add a 22K ohm 1/4 watt resistor between pin 2 of IC7 and pin 4 of IC8, and (4) add a jumper between pin 3 of IC8 and pin 3 of IC9. If you do the mod yourself, you will need to inspect your work with a magnifying glass to be sure you have not formed any solder bridges between the IC pins and nearby traces. I strongly recommend that you use Teflon insulation on the resistor leads and on the jumper because ordinary insulation melts with soldering iron heat, and it will make a mess and perhaps allow the lead ends to short to nearby traces. To attach the lead ends to the IC pin ends you will need to form some small loops in the lead ends; see my sketch below. I used a piece of bare #24 solid wire and a small hemostat to form these small loops. The idea is to make the loops so that they will slip over the IC pin ends (using gentle finger pressure) and stay there while you solder them. Notice that the loops in the lead ends should finish on top. This minimizes the possibility of bridging to a nearby trace. In addition, the Teflon insulation should touch the loops in the ends of the leads, which also helps in preventing bridges to nearby PC board traces.

It may be possible to do a similar mod to the NRD-535. Except for some component value changes, and some minor circuit changes involving the switching IC's, the NRD-535 AM AGC circuit is fundamentally the same as the NRD-525 AM AGC circuit. One of the changes to the NRD-535 AM AGC involves increasing the value of R104 (same numbering in both) to slow the AM attack time. The AM attack time constant is about 12 milliseconds for FAST and about 84 milliseconds for SLOW. In the case of AM SLOW, that is about half the attack time constant I used above. According to the NRD-535 schematic, there is an unused section of IC5, but pins 11 and 12 of this section are shown grounded. However, if pins 11 and 12 of IC5 are not grounded, or if they can be easily ungrounded (say, by removing a zero resistance surface mount resistor), and if pin 10 of IC5 is not connected to anything, then it should be possible to adapt my mod to the NRD-535. For IC5, pins 10 and 11 are the switch, and pin 12 is the control voltage. Thus, assuming that pins 10, 11, and 12 of IC5 are isolated from the rest of the PC board, the corresponding NRD-535 AGC mod would be (1) remove R104, (2) replace R104 with a 100K ohm SMD resistor, (3) add a 15K 1/4 watt resistor between pin 1 of IC5 and pin 10 of IC5, (4) add a jumper between pin 11 of IC5 and pin 3 of IC7, and (5) add a jumper between pin 12 of IC5 and pin 12 of IC6. This would give a FAST AM attack time of about 110 milliseconds and a SLOW AM attack time of about 100 milliseconds. Depending on the PC board layout, it might be a better layout to go to pin 11 of IC5 in step (3) and to pin 10 of IC5 in step (4).

Unfortunately, my AGC mod does not eliminate the rather bad overshoot in the case of the NRD-525. Of course, not having an NRD-535, I cannot verify that my proposed NRD-535 mod will do what it is intended to do, namely eliminate AGC hanging in AM FAST due to static crashes and other noise pulses. Fortunately, as I remarked in my previous article, the AGC overshoot does not seem to cause any problems, either audible or otherwise.

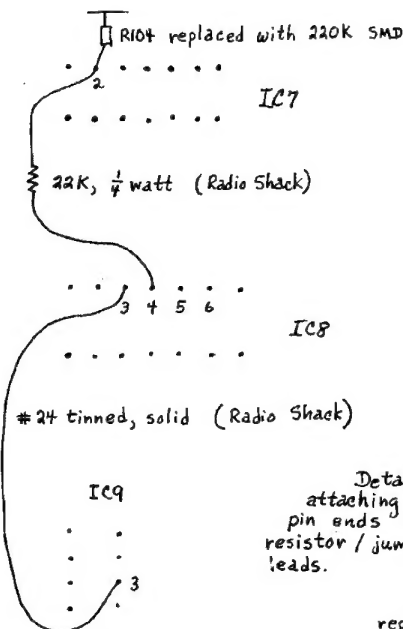
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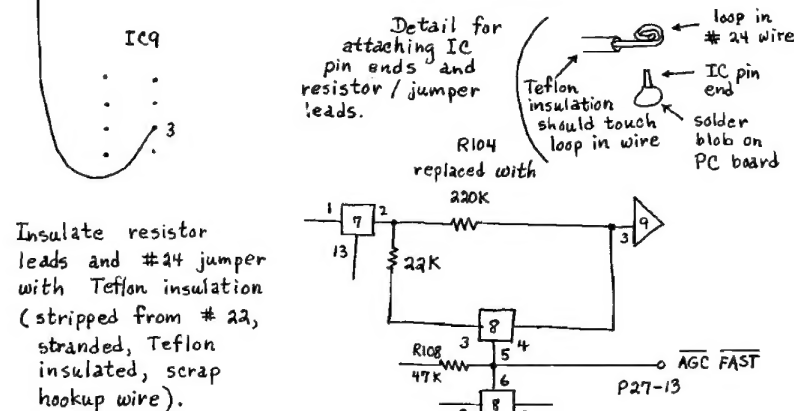


PC Board Bottom View



If C77 is not already $0.47\mu\text{F}$, change C77 (from probably $0.22\mu\text{F}$) to $0.47\mu\text{F}$ (tantalum, 25 or 35 volts).

Use a magnifying glass to verify that pins 5 and 6 are connected by a PC board trace. If not, and if pin 5 is isolated (no traces go to pin 5), then add a jumper between pins 5 and 6.



simplified schematic of mod

Knobs for the Drake R-8 ... by Ronald J. Hunsicker, P. E.

During his second article about the Drake R-8, Dallas Lankford mentioned that some of the knobs were too small, and I thoroughly agree. I have a simple, cheap, and instantly reversible solution that is, how shall we say, incredibly hideous.

The tone control and notch filter share the same axis, and the squelch control and passband shift control share another axis. The tone and squelch controls are on the central shaft and thus are the smaller knob of each pair. If you, as I, rarely touch either the tone control or the squelch control, go out and buy a 4-pack of 3/4" Shepherd Rubber Tips for tubular Metal and Wood Furniture (at Hechinger for \$1.79). The outer knob on an axis (notch and pass band) has an o. d. of .74", and the fit between the knob and the

"Tip" is wonderful. The Tips slip on and off instantly, increase the usable diameter of the control from 3/4" to 1 1/4", move the working control from just about the face of the panel to about 1" away, do not damage the receiver, and require no modification of the receiver. Conflict with other controls is increased a bit, but the benefits are worth it. If you want to "squench" or "tone" just slip the tip off, make the adjustment, and put the tip back on. The o. d. of the tone, squench, and volume controls is about 0.62", so the 5/8" size may be a help for those with different listening habits than I have.

They are available at Hechingers in white or black, but, regardless of color, are still incredibly hideous.

In the process of preparing a talk network guide for another club, I've uncovered some important and interesting news about the rapidly changing world of radio talk.

The biggest news: Larry King is moving to daytime. As first reported by Bill Hale in DDXD-North of Nov. 16, King, a staple on Mutual since Jan. 1978, is moving to afternoons on Monday, Feb. 1, 1993. He will be heard 1500-1800 Eastern time. Jim Bohannon, who presently does Mutual's Saturday night show in the Larry King timeslot, will move to Larry's weeknight slot 2300-0200 (repeated 0200-0500, plus West Coast replay 0500-0800). "Best of Bohannon" will run in the present "Best of King" timeslot Sunday night 2300-0500. Mutual will have a live Saturday night show in Bohannon's present timeslot, with the host to be announced later.

CBS introduced its first national radio talk show, the Gil Gross Show, Aug. 17. It covers varied topics 2000-2300 weeknights.

ABC has dropped its two weeknight talk shows. Tom Snyder's last show was Nov. 27. Deborah Norville left on Sept. 30, and ABC had been filling the timeslot with other hosts including Claire Carter until Nov. 27. ABC's only remaining national shows are on weekends - Home Sense with Mike McClintock, Garden Hotline with Ralph Snodsmith, and Moneytalk with Bob Brinker. However, three other networks - EFM (Limbaugh/Edell), Daynet, and ESPN Radio - originate programs from ABC Radio's studios in New York.

Talknet and NBC Radio moved operations from New York to Arlington, VA (jointly with Mutual) on Aug. 30. (Have you noticed? Overnight and on weekends, except for commercials and the first five seconds, Mutual and NBC newscasts are now simulcast!!) Talknet dropped Lee Mirabal on that date, bringing about a game of network musical chairs:

Lee Mirabal, formerly Talknet 0100-0400, moved to Daynet 1000-1200.

Dr. Joy Browne, formerly Daynet 1000-1200, moved to WOR Talk Network 2200-0100.

Daynet, in addition to replacing Dr. Joy Browne with Lee Mirabal 1000-1200, has added a new weeknight program with Leslie Marshall. She has the 2200-0100 timeslot formerly occupied by Tom Snyder on ABC. Daynet's other shows are Alan Colmes 1500-1700 and Barry Farber 1700-1900.

WOR Talk Network, besides adding the weeknight show with Dr. Joy Browne in September, offers two weekday programs from WOR-710 New York: "Smart Money with the Dolans" 1300-1500 and Gene Burns 1500-1700. WOR Talk Network went on the air in Jan. 1992.

Business Radio Network & American Forum Radio (formerly American Radio Network) are now co-owned and both operate from Colorado Springs. BRN has added more weekday talk, including Art Bell's syndicated show from KDWN-720 Las Vegas, and no longer has BRN News on the hour or half hour, running USA News instead. AFR continues its daytime talk and nighttime sportstalk, with Sports Final and related shows now airing from 1900 nightly until 0900 weekdays, 1000 Saturday, and 1300 Sunday. Some AFR shows now originate in Las Vegas, including "Insomniac Sports with Lee Pete" and a few others recruited from SEN.

All times above are Eastern. Programs begin about 6 minutes past the hour.

All the above changes, plus full details on all the talk networks and programs on American radio, will be included in IRCA Almanac Updater 5.6, coming soon. \$2 U.S. and Canada, \$3 elsewhere, payable to IRCA in U.S. funds from Bill Hardy, 2301 Pacific Ave., Aberdeen, WA 98520-4527. Thank you!

A firm in Sparks, Md., has an opening for a roddman on their survey team. I have no idea what a roddman is, but someone out there does.

Later, a recorded advertisement asks, "Are you a travel agent with at least two years experience?" The station's announcers spice up advertisements with chit-chat and wrap it around other taped spots, promos and short programs dealing with topics like how to dress for an interview, prepare a resume, or start a business.

Tom Dore, who is overseeing WHLP's start-up for Western Star Broadcasting of Chicago, says he hopes the station will grab between 3% and 5% of the audience share.

Last spring in its old format the station drew a 0.3% share, well below WBAL radio, an all-news AM station that consistently is among the market leaders with an 8% share, according to Radio Business Reports.

Tom Moon, who heads TGM Evaluations, a Silver Spring, Md.,

ratings analysis firm, says it's unlikely WHLP will surpass WBAL, but it can find a comfortable niche.

"Let's put it this way... it's not going to be among the top 10 stations in the market but could garner enough ratings to appear in the Arbitron book," Moon said.

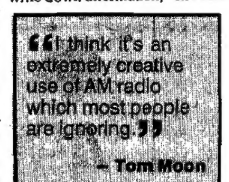
"I think it's an extremely creative use of AM radio which most people are ignoring."

WHLP currently airs 16 hours a day, and a 24-hour format is scheduled to begin in February.

Western Star - which holds the rights to the format but doesn't own the WHLP station - plans to have the format up and running in 12 other markets nationwide by February and hopes to be in 25 to 30 major markets by the end of 1993, said Bruce Roberts, a project manager for Western Star.

Nancy Jones, a spokeswoman for the Newspaper Association of America in Reston, Va., which represents about 2,000 newspapers worldwide, said newspapers will remain the vehicle of choice for employers and job seekers.

"The reader can sit down at his or her leisure, stop and pause without having to sit and listen and write down information," she said.



Charlotte Observer
via Jeff Multer and
Delaware State
News,
via Dave Braun

AIM HIGH ON AM



I have been enjoying Audio for many years, and for the first time, I feel compelled to write. In the July issue, Leonard Feldman reviewed the Technics SA-GX910 AV receiver and made a comment on the poor performance of the AM section of the tuner. He went on to comment on how all manufacturers, except for one or two, pay no serious attention to AM performance. I say, finally I see something in print that strikes at the heart of the problems of AM radio.

As all of you who can remember when AM receivers were somewhat more wide-band know, AM is capable of exactly the same frequency response and distortion characteristics that FM is. As chief engineer of several radio stations over the past 25 years, including some of the huge 50,000-watt clear-channel powerhouses, I maintained these stations at specifications that included frequency response from 25 to 15,000 Hz, ± 0.5 dB! Distortion figures were always below 1.2%. One of those old 50-kW transmitters really "groaned" during some musical passages, but these stations sounded exactly like FM on a low-distortion, wide-band monitor.

Several years ago, when broadcasters were being alarmed everyday whenever new radios were introduced, especially car radios, AM stations began to sound so bad that on some car radios even talk stations were hard to understand! Receiver manufacturers put in narrow-band filters in the i.f. that

restricted high frequencies to 2,800 Hz or less. Phase response and "ringing" of those cheap narrow filters further eroded received AM quality. Broadcasters and manufacturers agreed on the NRSC pre-emphasis and 10,000-Hz bandwidth limits in hopes of manufacturers "opening up" the i.f. bandwidth.

At this time most major AM stations and many smaller AMs are transmitting very high-quality, NRSC-compliant signals. Before the agreement, AM stations could transmit the full 15,000-Hz audio bandwidth. We gave up the top half-octave to persuade receiver manufacturers to design and market wider bandwidth radios. The biggest limiting factor was AM's higher susceptibility to noise. We hear the roll-off above 10 kHz, but casual listeners pay little attention to that if the signal is noise-free.

Now, new rules soon to be adopted seem to be "sticking it" to AM again. Whenever AM broadcasters seek to upgrade the signal, they must reduce signal strengths toward their "neighbor" stations on or near their spot on the dial by 10% (a 20% power reduction) by either reducing transmitter power or tightening up a directional antenna system. Just what AMs don't need is a reduction in signal level, right when they need all the signal they can get to overcome man-made electrical interference.

I wonder how many readers know just what awful stuff is done to audio these days before it's applied to a

transmitter for broadcast. For all but the few FM's who broadcast primarily Fine Arts programming, any resemblance a received audio signal bears to the original is coincidence. Dynamic range, even on the "softer" stations, is usually less than 6 dB. Limiting high frequencies dynamically to fit inside the pre-emphasized modulation limits often means the highs are attenuated nearly 18 dB! Then clipping is applied. Dividing the signal up into some three to seven frequency bands and processing them separately, then recombining them and processing them some more, is what almost every FM station is doing these days. Most AM stations now process their audio somewhat less than FM stations do.

Those listeners fortunate enough to possess a true wide-band AM receiver—the (now discontinued) Sony SRF-A100 and SRF-A1, the Carver TX-11b, and only one or two other models—are the only people who can truly hear great sound via AM. (Unless they listen to a station's monitor or have an old wide-band tuner or radio.) The new stuff is "junk" on AM. Most people think that since FM sounds okay and AM sounds bad, then it's the station and/or the medium that falls short. How can we expect them to think differently?

What AM needs the most is the ability to transmit a strong enough signal to overcome man-made interference, the ability to transmit wide-band audio back out to 15,000 Hz, and most of all, for receiver manufacturers to include (at the least) NRSC wide-band, low-distortion, AM tuner sections. Noise and interference-cancelling circuitry is highly developed and should be implemented in all future receivers. And the public should be educated that AM sounds bad mostly because of the inferior receivers they must listen to.

If there is any way Audio can help encourage the receiver manufacturing industry to include higher quality AM sections, all AM broadcasters, and eventually the public to which they broadcast, will benefit.

Ted Alexander is chief engineer of WDOX-FM and WRMR-AM in Cleveland, Ohio, and he hosts a midday on-air program. He has been a broadcast veteran "from both sides of the mike" for 28 years.

Photograph: ©Jon Holder

Listeners try radio for job ads

Baltimore station has unusual format

By ALEX DOMINGUEZ
Associated Press

BALTIMORE — Radio listeners don't tune in WHLP to hear the latest rock or heavy metal tunes, but rather the latest masonry or metal jobs — along with openings for dental hygienists, landscapers and chemists.

The AM station began broadcasting help-wanted ads earlier this month, abandoning its black-oriented oldies format and old call letters.

"Welcome back to WHLP, Job time 11:34," says an announcer.

"A firm in Sparks, Md., has an opening for a roddman on their survey team. I have no idea what a roddman is, but someone out there does."

Later, a recorded advertisement asks, "Are you a travel agent with at least two years experience?"

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1-year-old WKTX-AM finds success in format

■ A Cortland radio station caters to the area's ethnic community.

By JOE GORMAN
VINDICATOR CORRESPONDENT

CORTLAND — Radio WKTX can sometimes be heard as far away as Cleveland and Pittsburgh, and also has received calls from Canada, says Attila Kossanyi, station vice president.

WKTX is a 1,000-watt AM sta-

well, Kossanyi said.

Ethnic music: One of the station's strengths is its ethnic programming, he said, with different music ranging from German to Slovenian to Italian. Kossanyi said the station plays this music daily, while most radio stations play it only on weekends.

Large audience: Another advantage of the ethnic format, Kossanyi said, is the fact that this area and Cleveland and Pittsburgh have large ethnic populations, which draws listeners. This also makes it easier to find sponsors, Kossanyi said, because these listeners tend to tune in to the same station.

The Youngstown Vindicator
-via Jerry Starr

Musings of the Members

Thoughts from NRC members ... the opinions expressed in this column are those of the individual writer and do not necessarily reflect those of the editors, publishers, or the National Radio Club, Inc.

Dave Schmidt
P. O. Box 11502
Wilmington, DE 19850-1502

Times are local per Muse; submit double-spaced only.

MIKE COLLINS - 2021 MAIN STREET - STRATFORD, CT 06497-6338

----- The new AM station, WWJZ-640 comes in all day here with WNNZ nulled, but WWJZ does not come in at night. Per a recent call to the station, it will be an AP network affiliate in early January. CNN has greatly increased its number of affiliates in the area, WGBB-1240, WINE-940, WNTY-990, WNEZ-910, WKZE-1020, WWC0-1240, WNLC-1510 (which also has CBS), WPTR-1540 & WGCH-1490. Gil Gross is now heard on WSNB-610 8-10PM. Also the baseball card collectors show is on Thursdays at 6:30PM on WSNB-610 & WGBB-1240. Mutual news is now heard on the hour on WSNB-610 & WBIS-1120. WLAD-800 also has Mutual. WPOP-1410 is announcing it is carrying Bruce Williams of Talknet 7-10PM. Unistar news is now on WVOX-1460, WEVD-1050 & WRTN-93.5 and noted on WNNZ-640 Saturdays at 8AM, though WNNZ is still CBS on the hour most of the time. SNM News may be heard on WRWD-1570 which has Satellite Music networks country format fulltime. Rush Limbaugh is now heard on WSUB-980 & WTIC-1080. WERI-1230 & WMMW-1470 still have the Stardust nostalgia music format. WQQW-1590 is still dark, having gone off April 1992 with no sign of a "speedy" return. For now, 1590 is a wide open channel in this region, WLNC-1600 has a surprisingly strong signal in the city of Waterbury with WQQW dark. I was with AP for 15 years and am friendly with the bureau chief and the broadcast editor for AP in Hartford. I think it'd be great if AP did a story (national if possible) on the NRC 60th for when it meets in Enfield in Sept. Once a story hits the wire, it is much easier to get coverage in newspapers/magazines and on radio & TV. One of the major problems for AM listeners and DXers is the increasing noise levels on AM. Apparently, the power companies do not seal wires along highways as well as they used to and buzzes and snapping sounds leak out on to car radios and home receivers. Also the noise reduction levels in car radios is are far inferior to what they used to be. And in the workplace and even at home, the screens of computers drown out even the strongest AM signals. One wonders if 10-15 years from now, AM might be in the same precarious position that FM & UHF TV were in the 50's? Another trend has been slowly building. The FM station that my partner & I run, WZBG-97.3 is information intensive, local community focused and a CBS affiliate and not ONE listener has come forward to describe what we're doing as 'clutter' or 'too much talk', we still have a lot of music after 9AM til 6AM but with CBS news on the hour and 'In Touch' reports of community items 4 times an hour. I note WHTZ-100.3 now has talk 10PM til midnight, WKXW-101.7 is strongly talk/information and WOBM-92.7 is strongly informational with a 9 person news department. And I note in Broadcasting that 6 NFL teams have FM stations as their flagships this year!

DON MOORE - 11434 140th STREET - DAVENPORT, IA 52804-9538

----- As a new member, this is my 1st MUSE so I will make it an introduction. I am 35 years old. I moved to D'port last spring to become an instructor in English as a second language at Teikyo Marycrest University. I received my MA in ESL at Ohio University in 87. My wife, Theresa Bries, is from NE IA so we plan to make this a permanent home after the past several years of moving around. We have a 2 year old daughter Rebecca (who already knows how to say 'DX'). Although new to the NRC, I am not new to DXing, I have been very active in SWBC DXing, on & off active in MW. I also dabble in SW utility & LW DX. I have lived and traveled extensively in Latin America and during those travels, I visited over 125 LA stations. Today I do a lot of DX writing, mainly on LA themes for publications including NASWA, Monitoring Times, Proceedings, RIB & PWBR. I began DXing as a teenager in Milesburg, PA in 71 when all my favorite TV shows were canceled and in disgust, I took our family cheapo tri-band Sears radio and began listening to that strange SW band on it. I got hooked immediately. A few months later I moved up to an 8 bander and found out about WRTH and found out about MW DX from that. I was very much into collecting SW verifications and found out that many AM stations also sent out cards. Gradually I got into DXing the non-clears and going after LA's and got a Barlow-Wadley XCR30, using a random outdoor wire antenna. I was an IRCA member 74-75 & SPEEDX from 73-75. I dropped out of DXing in 75 when I started college at Penn State. The interest started again in 78, joined NASWA & rejoined SPEEDX & IRCA. I also bought a Radio West Loop which I still use. By the end of 81, I had logged just under 900 AM stations. I 82, I went to Honduras with the Peace Corps, I took along an FRG7 and loop and did a lot of DXing, mainly from the western provincial town of Santa Barbara. MW DX in Honduras was great but we'll discuss that later. In Honduras, I met my wife Theresa, who was also a PCV. After leaving in 84, we returned to the states, got married and flew to Quito, Ecuador for a 6 1/2 month honeymoon of bare-budget travel across SA. And along the way, I visited numerous stations, mainly SW but a few that were MW only. Since returning, we have lived in the Chicago suburbs, Athens, OH, & Big Rapids, MI before moving here, I continued my SW listening but never got seriously into AM simply because I knew none of these places would be a permanent address. While in MI, I became involved with the area club MARE and got to know HAROLD FRODGE & BOB WALKER. From that connection,

I decided I would join the NRC again when I was in a permanent home. (And we wel-

come you, Don, and do hope you'll report in often!-DWS)

BRUCE REYNOLDS - 1617 CORTE DE MEDEA - SAN JOSE, CA 95124

----- Local KEEN-1370 did depart from the airwaves at midnight on 12/31 with a bit of Willie Nelson's "When the Party's Over" and one last play of their ID/promo "to damn country for FM". They indicated they would return from a new sight in the late summer but probably with a new format which means the end of 45 1/2 years of country. Their chief FM competitors, KRTY & KSAN both bought spots on the last day to vie for KEEN's listeners. Since they went off, I have added KWRM (Radio Mexico), KGEN (Radio Popular), KSOP (/// 104.3 FM) and KAST on 1370, KUIK & KKMO on 1360 and KSRV on 1380. KFIW-1360 & KTOM-1380 are now daytime regulars while 1370 is empty at midday. KWRM seems to be the last to fade out and the first to come in the afternoon. On 1/1, KSOP was heard as early as 3:23PM. Other DX: 12/28 KSUN-1400 5:30PM, 12/30 KMOG-1420 6:34AM. Unusual conditions had KHRH-1340 as the bes signal on the channel 7:13-7:53AM. Also, tentative on KBBR-1340 with local spot 7:20AM, reports to both. 12/31 KORG-1190 with clear ID at 7AM. Good post sunrise reception as KCWV-1580, KFMS-1460 & KENO-1460 were in past 9AM. 1/2 new KURS-1040 (Spanish 'Radio San Diego') at 10:50PM. 1/3 KNAK DX heard on the 3rd try, not very strong but mostly readable. Program notes: KSUR-700 has switched tp CW, IDs as 'KQKE, The Quake' & 'Double 99', not sure yet if the AM call has changed. Insurtable KRGQ-1550 is back to Spanish again, noted with English ID 5PM on 12/29. At 8AM on 12/31, I heard KEYX-1400's morning DJ complaining that he couldn't read the news because he couldn't find paper for the FAX machine! He also mentioned his nostalgia show would run til 10AM, otherwise they simulcast rock oldies from KFSO-980. Having dropped their night sports talk, KSF0-560 now has Wolfman Jack 7PM-12AM. Ron Barr's program was the last to go, joining the A's in migrating to KNWB-910. The new KQSB-990 carries Clippers basketball. 73

EVAN R. NEWLON (NP2EE) - PO BOX 2120 - CHARLOTTE AMALIE, USVI 00803

----- This will be my 1st MUSING so a little introduction is in order. I live on St. Thomas Island, in an antenna restricted complex so all my antennas are of the miniature type. I have been in some sort of radio hobby, SWL, ham or MW/LW DXing since 1967, minus a silent period during the early 70's. I have lived here for almost 2 years, until recently I have been spending my radio time with ham or SW. I began serious MW & LW DX but am suffering from a very noisy electrical environment, which makes LW almost impossible to hear anything. MW with the Lankford amplified loop or Superadio II is possible. I have been working on Caribbean countries and have 9 verified, also Bermuda, Turks & Caicos and the Bahamas. Also have heard many TA's but only verified Norway with other reports out. Most of the stateside stations I hear are the power-houses, KMOX is very good usually (I can keep up with the Cardinals). My best catch so far has been KBCL-1070, it faded in just long enough to get an ID. My gear consists of the following, R1000/R2000 Mag-navox D2935 & Superadio II. I have in storage in the states a SP600/R392 which I had wish I had brought with me. Good DX, 73! (Thanks for your report, Evan and welcome to Musings. Report in often!-DWS)

STEVE FRANCIS - 1620 LODGE STREET - ALCOA, TN 37701

----- I recently renewed for my 20th year in the NRC and am very overdue for a MUSING. Thought I would bore everyone with my CPC results, such as they are, so far this season. Chose sleep over WCKB-780 & WLYN-1360, both unneeded. I've managed to forget about WSMI-1540 for 3 months in a row, hope to do better in Jan. or Feb. Some sporadic weak tone was heard during WQIN-1290's listed time, but nothing definite enough to count. Not a peep out of KWCK-1300, KXOL-1320, WRIV-1390, KBOA-830, WWLS-640, KMFI-1470, KNAK-540 (both nights), WIMA-1150, KCNO/WMAW-570, KJR-950, KNEB/KGWA-960, WDEA-1370, WABK/KEAN-1280 or WKGF-1480. WBMV-840 & WRIX-1020 made it OK, both are regular sunset visitors. KNZZ-1100's code IDs were heard surprisingly well under 3WE/ZDK/Barranquilla het 12/14 at 5:12/5:15/5:20AM. After nearly a 1/2 hour of KLRG/CKMO/UNID Larry King, I was about to write off KNED-1150 as another unheard when code ID's came poking through at 2:27AM 12/21, and some possible voice heard at 2:31 followed by over 1 minute of code ID's. And the 1/4 WNTK-1020 test was heard easily under KDKA 3-3:29AM with nonstop code ID's. Nothing heard from t Granite state here since a couple of 5AM sign ons from WFEA-1370 back in the early 70's! I've enjoyed visits this past year from ERNIE WESOLOWSKI, DAVE LEWIS & ARTIE BIGLEY. Happy 1993 to all!

NEIL WOLFISH - 112-2177 AVENUE ROAD - TORONTO, ON M5M 4B7

----- Time for another one of my infamous biennial Musings. I am still alive, I just don't seem to spend very much time listening to the radio below 1620. To put it bluntly, the noise level is atrocious here. I have been DXing but mostly SW. Having spent 3 years in MB, I also enjoy reading the exploits of SHAWN AXELROD and the UMDX trio of WASYLIK, MCBRIDE & MACLACHLAN, I guess I miss hearing those TX graveyarders! In Sept., I had the pleasure to finally meet fellow ON NRC member CHUCK REH at JERRY COATSWORTH's place in Merlin, I've always enjoyed reading Chuck's loggings in BILL HALE's column. And speaking of NRC members I have never met (in 14 years), it is nice to see fellow Torontonian TIM KERFOOT back in the fold. And I see that former Chicago DXer MIKE JEZIORSKI is now 4 hours down (ON) Highway 401 in Detroit. 73

BRUCE CONTI - 46 RIDGEFIELD DRIVE - NASHUA, NH 03062-1174

----- Carver has a 'professional' FM/AM Stereo receiver with specs that are claimed to be the best in the industry, per marketing info picked up at the San

Francisco AES show. (The show was in Oct., and I now finally found the time to review "trip reports" from engineers who went to the show). The Carver PSB11 specs include a flat frequency response from 20hz to 15khz and a S/N ratio of 75db in the AM Stereo mode. While the published specs are better than the AMAX certified Denon TU680 that VIC MELIS mused about in V60#7 (11/23), I wonder if any AM stations are broadcasting with such a wide frequency response? The Carver PSB11 price tag is a couple of hundred dollars more than the Denon. Is it true that Trans World Radio plans extensive cutbacks next summer? And what will happen to PJB-800? Since WBIV-1060 dropped SS;REL, WCCM-800 has picked up the format every night after 7PM, with preaching and Christian music, all in Spanish. Cuba's Radio Reloj is everywhere, logged at 670, 760, 810, 860, 900, 910, 930 & 960, it seems that Radio Progreso picks up Radio Reloj late nights along with some Radio Rebelde outlets. DX log 12/28, WCSS-1490 noted at 5:33PM, dominant with a promo for their 1st Baby of 93 contest at St. Mary's and Amsterdam hospitals. WNJR-1430 was in good at 5:40PM with Radio Melodia Spanish music program, over WMRV. WNEW-1130 was simulcasting with WQEW-1560, heard a promo for Bloomberg News Radio beginning 1/4/93. 12/30, tentative reception of CARACOL-1100 Columbia at 10:05PM with "Futbol Columbia-no" promo. WEVD-1050 noted with Danny Styles NOS show, Mr. Styles says WEVD stands for "Wonderful Entertaining Vintage Disks". The new 1993 WRTH is worth buying, if for no other reason, for its historical value, with listings of the new countries resulting from the Soviet break-up. The 93 edition also features an expanded receiver review section and a Clandestine list which includes MW stations. 73s

ROY H. MILLAR - 13714 30th Ave. NW - MARYSVILLE, WA 98271-7007

----- Hello '93! First, many thanks to BEN DANGERFIELD for his warning re the AM antenna advertised in Herrington's catalog, saved me likely wasting \$50 or so! The idea of an unamplified 11" antenna was intriguing but I guess it would have been the more piece of more or less useless junk in the shack! Also agree with BEN re the use of the Sony ICF51 for travel; however, the hard cover kit is as large as a ICF 2010, although the radio itself is tiny. It would be nice if the 10khz (NA) AM tuning could be cut to 5khz as it is at 1615khz and up. Also, usage of the active antenna module would be greatly enhanced, at least as I use it, if provisions for a 6VAC adapter were incorporated. I finally managed to mate a 'Space Magnet' (9VAC adapter power supply) to the SW1 by utilizing the unused antenna coupler that came with my Sony AN1 antenna that I purchased at the time I bought the ICF 2010. OK, to DX stuff....a very appreciated verie in from CBC/MB verifying reception of 10/24/92 of CBW LPRT CBLR Red Rock, ON on 1010 khz. I immediately gave a close listen to CBW sign on and sure enough, there's Red Rock listed, the last one in the W ON group. CBLR, along with many others not in the NRC log are shown on ON English language service fed from Winnipeg. Map & detailed listing enclosed with the verie. This verie was in response to an 'inquiry letter' and cassette tape in which I asked if CBLR, Dryden, ON was still on 1010 as I tentatively logged CBLR years ago, although unverified, as response to my report was in the line of "You may have heard one of our LPRTs in W ON." Anyway, Dryden is now FM. The CBLR logging was on the ICF2010 with a 500' E/W wire. 73 (Welcome back, Roy, nice to have your report!-DWS)

ERNEST R. COOPER - 5 ANTHONY STREET - PROVINCETOWN, MA 02657

----- They say "It's a long time between drinks." Also, it's a long time between veries, with non received since my last report. At long last, WNEW has become WBBR, and is IDing as "Bloomberg News Service". I first noticed this on 1/7 at 2:59AM and a report is off to the old WNEW address. So now, New York has 3 all news stations, but WBBR also includes business news and sports news. For 3 consecutive Monday mornings, WNEW had been silent between 1-5AM, leaving a wide-open frequency, with only hets being heard here and they, very weakly. I hope WBBR maintains the silent period, you'll know by now whether this is the case or not. Some dialings: 12/16 Unn CIGM-790 noted under WLKW at 2:24AM. WZNN-1460 believed to be the CNN News station u/WGNA/CKRB at 2:35AM. 12/19 WQOL-1380 on top at 2:30AM, all sports, not reported even though needed. 12/21 no sign of the KGWA or KNED TESTS, as expected. 12/23 a report to WLWX-1550, logged on their night pattern at 5:07PM. Christmas Day, I got a word-for-word report on the new TIS on 1610 in Falmouth, MA. They tell how to find parking at the ferry to Nantucket. A report was sent to the Woods Hole Steamship Authority, nothing back yet. 12/28, finally enough for a report to WMRV-1430 u/WXKS with WNJR off as usual. 12/31 Christmas music and announcements in English were noted atop 1280 where WADO/CJMS generally hold sway, and it turned out to be Bermuda and a report is off to them. Then at 2:45AM, I was finally able to pull in the Caribbean Beacon on 690, a tough spot here, what with the sloopover from local WRKO-680 and the ever present CBF and a Spanish, but this time they were on top and ---1610, which was, as usual, much stronger. (In Frederikstad, USVI last May, 'twas the other way 'round, 690 was better in the daylight than 1610 and they were programmed seperately at that time). New Years Day found the usual Spanish WSSH-1510 broadcasting in English with a football game so a report was sent. Then, with a name given me by a lady at our church, a 4th try for a verie from WKZE-1020, at twilight time o/u WNTR with no sign of KDKA, which usually kills them both at sunset time. 1/7 I stayed with a Spanish announcing station on 1180, playing US pop tunes of the 30s for an hour and found it to be R. Taino, Cuba, tearing up WHAM 2-2:55AM. Then over to 1130 and a letter off to WBBR, which brings me up to date. If you'd like a copy of my "Forward-March" WOMR-91.9 show, send me a 60 minute cassette and I'll oblige!

PAUL SWEARINGEN - 2840 SE ILLINOIS AVENUE - TOPEKA, KS 66605-1427

----- Mexico is a beautiful country except for one thing, the roads (except for main streets and highways) are awful, and the good ones have speed bumps every block or so to slow down the fast drivers. Nevertheless, I'd go back in a heartbeat (my credit card balance notwithstanding, hi!). I found everyone with whom I talked to be extremely helpful and polite, probably more so because I used Spanish as much as possible. I'd highly recommend the experience to anyone, whether or not you can speak Spanish. While I was in Mexico City, more or less on the W side, I was able to tune in the following US stations: KILT-610, WSM-650, KTRH-740, WSB-750, KPBC-770, WMM-780, WBAP-820, WLS-890, KVOZ-890, KPCC-950, KCKN-1020, KRLD-1080, KWKH-1130, KVOO-1170 & WOAI-1200 just as strong there as in Topeka. I also heard English language UNID's on 570, 710 & 880. Unfortunately, I was plagued by fluorescent light buzz in Cuernavaca and had little opportunity to DX there because of the noise, not to mention the other distractions (especially the great market downtown, which cannot be described in words or even photos). For those of you who use "M HALL's IRCA Mexican List, 2nd Edition, I noted the following changes: XEWA-640, format is "VAR", XENQ-640, state of Hidalgo, apparently moved from 1140, Tlalancingo. 660 (call never heard, listed as XERIN), slogan now Radio 601a momenta, format TRO/RAN or just VAR but definitely not KID. XEMP-710 slogan R. Betelencos diez, format TOR/RAN. ???-880 Vera Cruz, R. Variadades. XEX-710 format in VAR, not just NWS only. XEATH-770 format RAN. XERC-790 format MEX. XEW-900 format VAR not just NWS. XEBS-1410 format MEX. XEAT-1500 format included at least some progressive/new age jazz. XEVOZ-1590, no slogan heard, format in ROR (as in 'Duelin' Chainsaws!'). Also, some English programming is heard on XEWH-1390 and some Spanish, especially commercials, is heard on primarily English language XENK-620. Finally, I can't confirm all of the above-listed calls, except as noted on calls are seldom used on most stations with legal ID's, often with limited top power, often coming at none-top-of-the-hour times. I wish I could have DXed a little more often but most of the available 'down time' was either in the early evening, several hours before my host family's evening meal (often as late as 11PM, the New Years Eve meal came at 12:30AM!) or in the morning before the rest of the family arose. Reception was on my Sharp FV610. 73

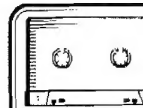
DAVE SCHMIDT - PO BOX 11502 - WILMINGTON, DE 19850

----- For those who may be looking for repairs on R0180's or R390's, I have a lead on a person who has expressed an interest in that line of work. Drop me a note, let me know what your problems are and I'll pass along the information. I hope all are taking advantage of WWKB-1520 with their nightly sign-off just after midnight. Through the grapevine, it's reported WWAX-750 is off once again pending sale of the station. To those who have reports, try sending them to the address for WTRB 1520/WWXV-97.5. Thanks to all for the fine turnout again for this issue and an annual, CUNY! PS: And we'll see you at the ANARC Winterfest again this year 2/19 & 2/20, look for the NRC table with another load of 'stuff'.

WORDS OF WISDOM: "In the R390A, or any receiver which has experienced component failure, the faulty component will be either the most expensive or least accessible."

A DX TEST we'd like to see from WCOW 1290 and the first person who reports the signal as being 'oddly ridiculous' will get a heffer of a prize!

A new foreign station, slogan in RADIO HAMMERLUND and the calls are H-Q-1-A-T!



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